

Montana Department of
ENVIRONMENTAL QUALITY

MAILED
6-11-12 JH

Brian Schweitzer, Governor
Richard H. Opper, Director

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

June 8, 2012

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, MT 59501

RE: **Unified Disposal District Landfills – License #389 & #490 – Inspection Reports**

Dear Mr. Vincent,

On May 30, 2012, I inspected your facilities for compliance with the Montana laws and rules for solid waste management. No violations were noted at the new landfill, License #490, during my inspection. A copy of the on-site inspection form is enclosed for your records.

This is your notification that violations were observed at the old landfill, License #389. The on-site inspection form and the inspection report are enclosed. The report lists each violation and includes a description of the violation, a citation of the section(s) of the statutes and rules violated, and the measures needed for compliance.

A Minor Violation was observed for:

1. Intermediate Cover

A Major Violation was observed for:

2. Litter

Major violations require immediate correction or the DEQ may take further action. If not corrected, minor violations may become major violations. The violation for litter is a major violation because this violation was noted during the previous inspection of the facility on September 28, 2011, and has not been corrected. I understand that the facility is preparing to bid for final closure work; however these violations must be resolved before closure construction can begin. To achieve compliance the facility must correct each violation and submit photographs as described under Measures Needed for Compliance by July 9, 2012.

Please pass along my thanks to Brad Tommerup for taking the time to show me around the facilities.

If you have any questions or comments please contact me.

Sincerely,

Martin Van Oort
Environmental Science Specialist
Solid Waste Section
Phone: 406-444-2802, Fax: 406-444-1374
E-mail: mvanoort@mt.gov

Enc: On-Site Inspection Form, License #490
On-Site Inspection Form, License #389
Inspection Report, License #389

Cc/Enc: Mr. Barry Damschen, Barry Damschen Consulting LLC, 5531 York Rd, Helena, MT 59602

File: Hill Co\Unified Disposal District Landfill\License #389\Inspections
Hill Co\Unified Disposal District – New Class II\License #490\Inspections

Montana Department of Environmental Quality
Permitting and Compliance Division
Solid Waste Section
PO Box 200901
Helena, MT 59620-0901
(406) 444-5300

Date: 5/30/2012
Time of Arrival: 905
Time of Departure: 930
Credentials Presented? Yes ☒ No ☐

Class II Solid Waste Management System: On-Site Inspection Form

Facility Name: Unified Disposal Dist Landfill License Number: 389
Type of Facility: Intermediate Class II Landfill
Operator: Unified Disposal District - Clay Vincent Phone: 406-265-5481
Address: 315 4th Street, Hill County Courthouse, Havre, MT 59501
General Site Location: Hwy 2, 10 miles east of Havre
Facility Representatives: Brad Tommerup Phone:
DEQ Representatives: Martin Van Oort Phone: 444-2802

(Fill in prior to inspection.)

Date of Last Inspection: September 28, 2011
Is license current? Yes
Are fees paid up-to-date?
Date of Last O&M Plan on File: 2005
Is a Closure Plan on file? Yes

Montana Pollutant Discharge Elimination System Permit issued ? Yes ☐ No ☐

Does the facility have a current burn permit? Yes ☐ No ☐

Summary of Today's Inspection:

Major Violation(s): Litter
Minor Violation(s): Intermediate cover
Needed Improvements:

North slope of landfill needs additional intermediate cover, particularly on east end
Litter needs to be picked up throughout site, very heavy litter east of landfill, including in detention pond

General Comments:

Scrap metal must be removed before facility is closed

Notes:

Facility no longer accepting waste, full checklist not completed

1. Name of the person or organization
 2. Address
 3. City
 4. State
 5. Zip
 6. Phone
 7. Fax
 8. E-mail
 9. Other

Class II Solid Waste Management System: On-site Inspection Form

Facility Name:
 Type of Facility:
 Location:
 Address:
 City:
 State:
 Zip:
 Phone:
 Fax:
 E-mail:
 Other:

Inspection Item	Yes	No
1. Is the facility properly labeled?	☐	☐
2. Is the facility properly located?	☐	☐
3. Is the facility properly constructed?	☐	☐
4. Is the facility properly maintained?	☐	☐
5. Is the facility properly operated?	☐	☐
6. Is the facility properly closed?	☐	☐

1. Is the facility properly labeled?
 2. Is the facility properly located?
 3. Is the facility properly constructed?
 4. Is the facility properly maintained?
 5. Is the facility properly operated?
 6. Is the facility properly closed?

7. Is the facility properly closed?
 8. Is the facility properly closed?
 9. Is the facility properly closed?

Summary of Findings:

Major Violations:
 Minor Violations:
 Other:
 Comments:
 Date:
 Inspector:
 Facility:

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 2/12/10)

Site Name: Unified Disposal District (Old Landfill)

License #: 389

Date of Inspection: May 30, 2012

Persons Present: Martin Van Oort (DEQ), Brad Tommerup (Unified Disposal District)

Applicable Acronyms

ARM = Administrative Rules of Montana

CFR = Code of Federal Regulations

Department = Montana Department Environmental Quality

MCA = Montana Code Annotated

MSWLF = Municipal Solid Waste Landfill

MSWMA = Montana Solid Waste Management Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (for the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

GENERAL OPERATIONAL AND MAINTENANCE REQUIREMENTS

Minor Violation(s):

1. Inadequate Intermediate Cover

Description of Violation(s):

1. The eastern portion of the north slope of the landfill had not received adequate intermediate cover, leaving waste visible and susceptible to becoming blowing litter.

ARM 17.50.1104(2)(c) the owner or operator of a Class II landfill unit for which some portion will not receive additional waste within 90 days shall place on that portion an intermediate cover of at least one foot of approved cover soil, unless the owner or operator has submitted for department approval a demonstration that there is good cause for not covering.

Measures Needed for Compliance:

1. Intermediate cover must be placed within 90 days of last waste placement. Please cover all areas which have not received waste in the last 90 days with at least one foot of cover soil by July 9, 2012 and submit photographs documenting the intermediate cover.

Major Violation(s):

2. Litter

Description of Violation(s):

2. A large quantity of litter was present at the facility, particularly to the east of the landfill. Litter was also floating in the east detention pond. A moderate amount of litter was also present in the drainage north of the landfill.

ARM 17.50.1116(2)(b) the owner or operator shall take effective measures to control litter at landfill facilities;

Measures Needed for Compliance:

2. Please remove all litter from the facility by July 9, 2012 and submit photographs of the affected area after the litter has been cleaned up.

O'Hern, Kathleen

From: Clay Vincent [vincentc@co.hill.mt.us]
Sent: Monday, January 23, 2012 1:04 PM
To: O'Hern, Kathleen
Subject: Unified Disposal Landfill
Attachments: Litter fences Old landfill 1-12 002.jpg; Litter fences Old landfill 1-12 003.jpg

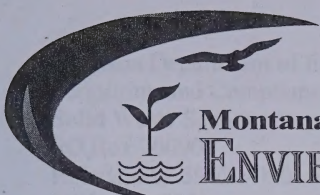
The litter has been cleaned up except for one corner that has some litter and snow at this time. If it melts we will have the guys hit it this week. The wind has moved a lot of plastic in this area even with all the cover dirt. Even though most of it is done I will keep them after it.

Clay Vincent, Sanitarian
Hill County Health and Planning
315 4th St.
Havre, MT 59501
PH: 406-265-5481 ext. 268
Fax: 406-265-6976
E-mail: vincentc@co.hill.mt.us

County Hill
Facility & # 389
Closure _____ Landfarm
Finan Assur _____ Liner
GW Corr Meas _____ Methane
GW Monitoring _____ O & M
GW Reports _____ Run-on
Inspections
Other: _____

Hill County
 OLD Landfill
 January 2012





Montana Department of
ENVIRONMENTAL QUALITY

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

MAILED
10-12-11 Jh

Brian Schweitzer, Governor
Richard H. Opper, Director

October 11, 2011

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL – LICENSE #389 – INSPECTION REPORT

Dear Mr. Vincent:

On September 28, 2011, I inspected the Unified Disposal District Class II Landfill for compliance with the Montana laws and rules for solid waste disposal. Please thank David for the time he spent showing me around the landfill.

Considering that the landfill will soon be closing, and personnel are busy with that process, the operation looked acceptable. However, the on-site litter program should be maintained, and a violation for litter has been noted. I do know that it was extremely windy just prior to the inspection; however this violation is a reminder that litter must be collected on a regular basis. Please provide the Solid Waste Program with photo documentation that the litter has been picked up by October 28, 2011.

Enclosed are the On-Site Inspection Form, Inspection Report, and Photos.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau: Phone (406) 444-9879, email kohern@mt.gov, or FAX (406) 444-1374.

Sincerely,

Kathleen O'Hern
Environmental Science Specialist
Solid Waste Program

Encl: On-Site Inspection Form, Inspection Report, photos

File: Hill County/Class II Landfill /License #389/Inspections
Path: G:\WUT\SWS\inspections\class II\hill\Havre Insp ltr_9_2011\Havre Insp ltr_9_2011.docx

Montana Department of Environmental Quality
Permitting and Compliance Division
Solid Waste Section
PO Box 200901
Helena, MT 59620-0901
(406) 444-5300

Date: 9/28/2011
Time of Arrival: 1:20 pm
Time of Departure: 2:00 pm
Credentials Presented? Yes ☒ No ☐

Class II Solid Waste Management System: On-Site Inspection Form

Facility Name: Unified Disposal District License Number: 389
Type of Facility: Class II Landfill
Operator: Clay Vincent Phone: 406-265-5481
Address: 315th 4th Street, Hill County Courthouse, Havre, MT 59501
General Site Location: Off Hwy. 2, 10 miles east of Havre
Facility Representatives: David Cramar (sp?) Phone: 406-265-5481
DEQ Representatives: K. O'Hern Phone: 406-444-9879

(Fill in prior to inspection.)

Date of Last Inspection: July 2010
Is license current? yes
Are fees paid up-to-date? yes
Date of Last O&M Plan on File: 2005, update needed, however facility is closing within one year
Is a Closure Plan on file? yes

Montana Pollutant Discharge Elimination System Permit issued ? Yes ☐ No ☒
Does the facility have a current burn permit? Yes ☐ No ☒

Summary of Today's Inspection:

Major Violation(s): none
Minor Violation(s): litter
Needed Improvements:

Maintain litter pick-up program.

General Comments:

This landfill will be closing soon.

Notes:

A. Pre-Inspection Interview**Regulatory Compliance Checklist**

Yes No N/A

1. Are operational records kept on-site?	☒	☐	☐
If not, where?			
2. What method is used to measure volume/weight?	volume		
a. Are the records current?	☒	☐	☐
3. Does the system have a hazardous waste screening program?	☒	☐	☐
a. Are at least 1% of loads screened?	☒	☐	☐
b. Are records with pictures kept?	☐	☒	☐
4. Is out of state waste accepted?	☐	☒	☐
a. How much?			☒
5. Is salvaging allowed?	☐	☒	☐
a. Is it part of an approved O&M Plan?	☐	☐	☒
6. Does the site monitor methane gas?	☒	☐	☐
a. Are the records current?	☒	☐	☐
b. Date of last monitoring event?	July 2011		☐
7. Does the site monitor groundwater?	☒	☐	☐
a. Are the records current?	☒	☐	☐
b. Date of last monitoring event?	June 2011		☐
8. Does the facility compost?	☐	☒	☐
a. Is this part of an approved O&M Plan?	☐	☐	☒
b. Composting method used:			☒
c. Compost end use:			☒
9. Does the facility recycle?	☒	☐	☐
a. Is it part of an approved O&M Plan?	☒	☐	☐
10. Are white goods stored on-site?	☒	☐	☐
a. If so, has CFC removal been documented?	☒	☐	☐
b. Are doors removed or disabled?	☒	☐	☐
11. Are dead animals or offal accepted?	☒	☐	☐
a. Are they buried daily?	☒	☐	☐
12. Does the site dispose of or landfarm contaminated soils?	☒	☐	☐
a. Is this part of an approved O&M Plan?	☒	☐	☐
b. Are analytical results submitted to the Department?	☐	☒	☐
13. Does the site burn untreated woodwaste?	☐	☒	☐
14. Is regulated asbestos waste accepted?	☒	☐	☐
a. Are waste shipment records kept?	☒	☐	☐
b. Is waste disposal mapped?	☐	☒	☐

B. Site Observations**Regulatory Compliance Checklist**

Yes No N/A

1. Is approach road properly maintained?	☒	☐	☐
2. Is site access controlled?	☒	☐	☐
a. Signs?	☒	☐	☐
b. Gates?	☒	☐	☐
c. Fences?	☒	☐	☐
d. Supervision?	☒	☐	☐

Class II Unit (if applicable)

3. Is the working face an appropriate size?	☒	☐	☐
4. Is six inches of soil placed on the working face daily.	☒	☐	☐
5. Is an approved alternative daily cover used?	☐	☒	☐
a. What?			☒
6. Does Intermediate cover appear to be adequate?	☒	☐	☐

Class III Unit and Burn Area (if applicable)

7. Is Group III waste landfilled in a separate unit?	☐	☐	☒
8. Is the disposal limited to Group III Waste?	☐	☐	☒
a. Unacceptable wastes:			☒
9. When was quarterly cover applied last?			☒
10. Has burn pile been contaminated?	☐	☐	☒
a. Unacceptable wastes:			☒

Class IV Unit (if applicable)

11. Is Group IV waste landfilled in a separate unit?	☒	☐	☐
12. Is the disposal limited to Group IV Waste?	☒	☐	☐
a. Unacceptable wastes:			☒
13. When was quarterly cover applied last?	summer 2011		☐

Asbestos Unit (if applicable)

14. Is asbestos waste landfilled in a separate unit?	☐	☐	☒
15. Is any waste visible?	☐	☐	☒
16. Are warning signs present?	☐	☐	☒

Notes:

B. Site Observations Cont.**Compost Area (if applicable)**

Yes No N/A

17. What is composted?			☒
18. Has the compost been contaminated?	☐	☐	☒
a. Unacceptable wastes:			☒

Recycling Area (if applicable)

19. What is recycled?			☐
a. Used Oil	☐	☒	☐
b. Aluminum Cans	☐	☒	☐
c. Scrap Metal	appliances and scrap metal	☒	☐
d. Glass		☒	☐
e. Paper		☒	☐
f. Batteries		☒	☐
g. Cardboard		☒	☐
h. Other:		☒	☐
20. How often removed?			☐
21. Is Recycling area properly managed?	☒	☐	☐

Animal or Offal Disposal Area (if applicable)

22. Is animal waste disposed of in a separate area?	☐	☐	☒
23. Is waste area properly managed?	☐	☐	☒

Soil Treatment Area (if applicable)

24. Is contaminated soil treated in separate area?	☐	☐	☒
25. Is treatment area properly managed?	☐	☐	☒

General Facility Requirements

26. Is litter controlled?	☐	☒	☐
27. Is waste confined to a manageable area?	☒	☐	☐
28. Are run/off and run/on controls in place?	☒	☐	☐
29. Are vectors controlled?	☒	☐	☐
30. Are monitoring wells locked?	☒	☐	☐
31. What happens to leachate?	evaporate	☐	☐
32. Is leachate sampled?	☐	☒	☐
a. How often?			☒

Notes:

--

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 5/04/01)

Site Name: Unified Disposal District, Class II Landfill

License #: 389

Date of Inspection: September 28, 2011

Persons Present: K. O'Hern

Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal Solid Waste Landfill

NESHAP = National Emission Standards for Hazardous Air
Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste
Management Act

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (for the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

GENERAL OPERATIONAL AND MAINTENANCE REQUIREMENTS

Minor Violation(s):

1. Litter

Description of Violation(s): Litter present on site, both inside and outside litter fencing.

Recommended Measures for Compliance: Fall litter cleanup, provide documentation to the Department by October 28, 2011.

Comments:

ARM § 17.50.503(1) *An owner or operator of a solid waste management system shall construct, maintain, and operate... (d) a resource recovery, recycling, or solid waste treatment facility and components must be designed, constructed, maintained, and operated to control litter...*

Unified Disposal District Class II Landfill
Litter needs attention
K. O'Hern, 9/28/11



Correspondence Slip

Date Requested: 10-6-11

Originator: L. O'Hern

Date Needed By: 10-11-11

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

Janet
Mary Louise
Blue
Rick

JH 10-6-11

MLH 10-6
MLH 10-2-11

RT 10-11-11

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT\ see 14r

Mail copy of enclosures to CC's? ☒ Y ☐ N

Special Instructions:

Xtra color photo for file

Copies of enclosures for file needed? ☒ Y ☐ N

Copy of letter for file needed? ☒ Y ☐ N

Email copies sent? Y ☒ N

EMAIL copy sent to Project Originator? Y ☒ N



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

8-16-10 JLB

Brian Schweitzer, Governor
Richard H. Opper, Director

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

August 16, 2010

Mr. Clay Vincent
315 4th Street
Hill County Courthouse
Havre, MT 59501

RE: Unified Disposal District Landfill (Lic. #389)—INSPECTION REPORT

Dear Mr. Vincent:

On July 12, 2010, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. This is the Department's notification that a violation was observed. Overall the site has been improving over the last two years. It is very important that the facility become and stay in compliance with the Laws and Rules of Solid Waste Disposal. The On-Site Inspection Form and the Inspection Report are enclosed for your records.

The report is divided into categories, such as General Operation and Maintenance Plan. Each category is subdivided into Major Violations, Minor Violations, and Measures Needed for Compliance. In each case, the sections of statutes and rules are cited with an explanation of the specific problem.

Minor Violations:

1. Inadequate Daily Cover- Wet weather area

Major violations require immediate correction or the Department may take further action. If not rectified, minor violations may become major violations. To achieve compliance, the facility must correct all the violations according to the specific actions and schedules provided. Materials discussed under Measures Needed for Compliance are requirements.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau: Phone (406) 444-9879, email: jblaine@mt.gov or FAX (406) 444-1374.

Sincerely,

Joe Blaine
Environmental Science Specialist
Solid Waste Program

Encl: Inspection Form, Inspection Report

File: Lic. # 389/Hill Co./Unified Disposal Dist./class II/Inspections
Path G:\WUT\SWS\inspections\class II\hill\Unified_07_10.doc

MAILED

Montana Department of Environmental Quality

Division Administrator
Richard H. Tupper, Director
P.O. Box 200001 • Helena, MT 59620-0001 • (406) 444-2422 • www.dem.mt.gov

August 14, 2010

Mr. Greg Vinton
1115 W. 2nd
Billings, Montana
59101-1001

Re: Billings Regional Sewer Lateral (B.R.S.L.) - INSPECTION REPORT

Dear Mr. Vinton:

On July 13, 2010, I conducted a visual inspection of the B.R.S.L. project with the Montana Department of Environmental Quality. The visual inspection was conducted at the site of the B.R.S.L. project. The visual inspection was conducted at the site of the B.R.S.L. project. The visual inspection was conducted at the site of the B.R.S.L. project.

The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana.

The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana.

The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana. The project is located at the intersection of 1st Avenue and 1st Street in Billings, Montana.

Joe [Signature]

Environmental Quality Division
Billings Field Office

Each project has a unique ID number.

For a complete list of projects, please visit the Montana Department of Environmental Quality website at www.dem.mt.gov.

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 2/12/10)

Site Name: Unified Disposal District Landfill

License #: 389

Date of Inspection: 7-12-2010

Persons Present: Joe Blaine (DEQ), Brad Tommerup (Unified)

Applicable Acronyms

ARM = Administrative Rules of Montana

CFR = Code of Federal Regulations

Department = Montana Department Environmental Quality

MCA = Montana Code Annotated

MSWLF = Municipal Solid Waste Landfill

MSWMA = Montana Solid Waste Management Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (for the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

GENERAL OPERATIONAL AND MAINTENANCE REQUIREMENTS

Minor Violation(s):

1. Inadequate Daily Cover

Description of Violation(s):

1. A portion of the waste on the North East side of the active cell had not received adequate daily cover. This area was likely used as a wet weather working face.

ARM 17.50.1104(1) Except as provided in (2), the owner or operator of a Class II landfill unit shall cover disposed solid waste with six inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging.

Measures Needed for Compliance:

All waste received by the facility must be covered daily with a minimum of six inches of soil. Please cover all waste that does not have the required 6 inches of cover soil.

Montana Department of Environmental Quality
Permitting and Compliance Division
Solid Waste Section
PO Box 200901
Helena, MT 59620-0901
(406) 444-5300

Date: 7/12/2010
Time of Arrival: 12:30pm
Time of Departure: 3:00
Credentials Presented? Yes ☒ No ☐

Class II Solid Waste Management System: On-Site Inspection Form

Facility Name: Unified Disposal District License Number: 389
Type of Facility: Class II
Operator: Clay Vincent Phone: 406-265-5481
Address: 315th 4th Street, Hill County Courthouse, Havre, MT 59501
General Site Location: Off Hwy. 2, 10 miles east of Havre.
Facility Representatives: Brad Tommerup Phone: 406-265-0068
DEQ Representatives: Joe Blaine Phone: 406-444-9879

(Fill in prior to inspection.)

Date of Last Inspection: 8/10/2009
Is license current? Yes
Are fees paid up-to-date? Yes
Date of Last O&M Plan on File: Unknown
Is a Closure Plan on file? Yes

Montana Pollutant Discharge Elimination System Permit issued ? Yes ☐ No ☒
Does the facility have a current burn permit? Yes ☐ No ☒

Summary of Today's Inspection:

Major Violation(s): None
Minor Violation(s): daily cover
Needed Improvements:

General Comments:

Site is continuing to improve.

Notes:

A. Pre-Inspection Interview**Regulatory Compliance Checklist**

Yes No N/A

1. Are operational records kept on-site?	☐	☒	☐
If not, where?	Court House		
2. What method is used to measure volume/weight?	Engineering volumes		
a. Are the records current?	☒	☐	☐
3. Does the system have a hazardous waste screening program?	☒	☐	☐
a. Are at least 1% of loads screened?	☒	☐	☐
b. Are records with pictures kept?	☒	☐	☐
4. Is out of state waste accepted?	☐	☒	☐
a. How much?			☐
5. Is salvaging allowed?	☐	☒	☐
a. Is it part of an approved O&M Plan?	☐	☒	☐
6. Does the site monitor methane gas?	☒	☐	☐
a. Are the records current?	☒	☐	☐
b. Date of last monitoring event?	July 2010		☐
7. Does the site monitor groundwater?	☒	☐	☐
a. Are the records current?	☒	☐	☐
b. Date of last monitoring event?			☐
8. Does the facility compost?	☐	☒	☐
a. Is this part of an approved O&M Plan?	☐	☐	☒
b. Composting method used:			☒
c. Compost end use:			☒
9. Does the facility recycle?	☒	☐	☐
a. Is it part of an approved O&M Plan?	☒	☐	☐
10. Are white goods stored on-site?	☒	☐	☐
a. If so, has CFC removal been documented?	☒	☐	☐
b. Are doors removed or disabled?	☒	☐	☐
11. Are dead animals or offal accepted?	☒	☐	☐
a. Are they buried daily?	☒	☐	☐
12. Does the site dispose of or landfarm contaminated soils?	☒	☐	☐
a. Is this part of an approved O&M Plan?	☒	☐	☐
b. Are analytical results submitted to the Department?	☒	☐	☐
13. Does the site burn untreated woodwaste?	☐	☒	☐
14. Is regulated asbestos waste accepted?	☒	☐	☐
a. Are waste shipment records kept?	☒	☐	☐
b. Is waste disposal mapped?	☐	☒	☐

B. Site Observations**Regulatory Compliance Checklist**

Yes No N/A

1. Is approach road properly maintained?	☒	☐	☐
2. Is site access controlled?	☒	☐	☐
a. Signs?	☒	☐	☐
b. Gates?	☒	☐	☐
c. Fences?	☒	☐	☐
d. Supervision?	☒	☐	☐

Class II Unit (if applicable)

3. Is the working face an appropriate size?	☒	☐	☐
4. Is six inches of soil placed on the working face daily.	See Notes.	☒	☐
5. Is an approved alternative daily cover used?	☐	☒	☐
a. What?			☒
6. Does Intermediate cover appear to be adequate?	☒	☐	☐

Class III Unit and Burn Area (if applicable)

7. Is Group III waste landfilled in a separate unit?	☒	☐	☐
8. Is the disposal limited to Group III Waste?	☒	☐	☐
a. Unacceptable wastes:	None		☐
9. When was quarterly cover applied last?	June 2010		☐
10. Has burn pile been contaminated?	☐	☐	☐
a. Unacceptable wastes:			☐

Class IV Unit (if applicable)

11. Is Group IV waste landfilled in a separate unit?	☐	☒	☐
12. Is the disposal limited to Group IV Waste?	☐	☐	☒
a. Unacceptable wastes:			☒
13. When was quarterly cover applied last?			☒

Asbestos Unit (if applicable)

14. Is asbestos waste landfilled in a separate unit?	☐	☒	☐
15. Is any waste visible?	☐	☐	☒
16. Are warning signs present?	☐	☐	☒

Notes:

Daily cover has been placed on the current working face. The area that had not received cover was the wet weather disposal area, NE of current working face.

B. Site Observations Cont.**Compost Area (if applicable)**

Yes No N/A

17. What is composted?			☒
18. Has the compost been contaminated?	☐	☐	☒
a. Unacceptable wastes:			☒

Recycling Area (if applicable)

19. What is recycled?			☐
a. Used Oil	☒	☐	☐
b. Aluminum Cans	☐	☒	☐
c. Scrap Metal	☒	☐	☐
d. Glass	☐	☒	☐
e. Paper	☐	☒	☐
f. Batteries	☒	☐	☐
g. Cardboard	☐	☒	☐
h. Other:	☐	☐	☒
20. How often removed?	As needed		☐
21. Is Recycling area properly managed?	☒	☐	☐

Animal or Offal Disposal Area (if applicable)

22. Is animal waste disposed of in a separate area?	☐	☒	☐
23. Is waste area properly managed?	☐	☐	☒

Soil Treatment Area (if applicable)

24. Is contaminated soil treated in separate area?	☒	☐	☐
25. Is treatment area properly managed?	☒	☐	☐

General Facility Requirements

26. Is litter controlled?	☒	☐	☐
27. Is waste confined to a manageable area?	☒	☐	☐
28. Are run/off and run/on controls in place?	☒	☐	☐
29. Are vectors controlled?	☒	☐	☐
30. Are monitoring wells locked?	☒	☐	☐
31. What happens to leachate?	leachate pond		☐
32. Is leachate sampled?	☐	☒	☐
a. How often?			☒

Notes:

1. Does the site have untreated wastewater?	☐	☐	☐
2. Is regulated asbestos waste stored?	☐	☐	☐

a. Are waste shipment records kept?	☐	☐	☐
b. Is waste disposal mapped?	☐	☐	☐



BARRY DAMSCHEN CONSULTING, LLC

387

Engineering • Solid Waste Management • Grant Administration

ANNUAL ENGINEERING INSPECTION
FOR
UNIFIED DISPOSAL DISTRICT LANDFILL
(Year 2009)

RECEIVED ON

DATE OF INSPECTION: November 18, 2009

JAN 19 2010

DATE OF SUBMITTAL: February 1, 2010

Dept. of Environmental Quality
Waste & Underground
Tank Management Bureau

SUBMITTED TO DEQ AND DISTRICT

Hours of Operation

The Landfill is open Monday through Friday from 7:00 a.m. to 5:00 p.m. and 8:00 a.m. to 5:00 p.m. on Saturday and Sunday.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Choteau County and the Rocky Boys and Fort Belnap Indian Reservations. The District has roll-off container sites strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (no scales). According to the District's manager, approximately 23,000 tons of waste are disposed of at the landfill. Since the site does not have scales, this is an estimate.

Correspondence Slip

Originator: JB

Date Requested: 7-27-10

Date Needed By: 7-29-10

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

Mary H

Darrell

Rick

4/17-27-10
elk
was 7/27/10
AT 8-16-10

Mail original via:

☐ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT\

Special Instructions:

Mail copy of enclosures
to CC's? Y N

Copies of enclosures
for file needed? ☒ Y ☐ N

Copy of letter for file
needed? ☒ Y ☐ N

Email copies sent? Y N

EMAIL copy sent to Project Originator? Y N

and operators to make sure that the final lift provides adequate drainage and conforms to the final contour plan.

- b) Class III Area - The Class III trench is located in the northwest area of the site. This trench receives wood wastes, concrete and tires. Approximately quarterly, the wastes deposited in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover
- c) Appliances - Two separate areas are used to stockpile appliances that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a recycler is contracted to crush and haul away these items. The appliances were crushed this Fall.
- d) Contaminated Soil - Many years ago, the District constructed an area designated to accept and treat contaminated soils. The operators periodically mix these contaminated soils to provide treatment. Once the soils have been treated, they are hauled to the Class II area and used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced. In 2007 and 2008, however, a significant volume of contaminated soil was brought to the site due to the reconstruction of U.S. No. 2. These soils for the most part have been treated and tested and were used for daily cover.

Storm Water Management

The District is doing an excellent job of managing the storm water at the site. Ditches were constructed several years ago to prevent any run-on from entering the active fill areas. Also two storm water run-off ponds, located at the eastern and western ends of the Class II area, collect any storm water that is generated on the site. At the time of this inspection, the west pond was dry and the east pond was ¼ full.

Litter Control

Litter is controlled at the site quite effectively using a high litter fence around the Class II area along with several fences strategically located on the site. The District has a portable vacuum to assist in cleaning the fences. Litter is minimized by keeping the "active face" to a minimum size and applying daily cover. This past year a new litter fence was installed on the north and east sides of the active fill area. The fencing is quite effective in controlling the litter. Several other litter fences are located on the northeast and east side of the site. Special organizations are also hired to pick litter.

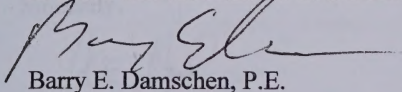
Summary

Having been the District's engineering consultant for the past $\pm$ 24 years, it is my opinion that the operation of the landfill is very good. All aspects of the site including compaction, daily cover, storm water management, road maintenance and management of the special wastes has improved significantly over the past few years. Litter control is still an issue and new litter fences and manpower to pick the litter is being emphasized. In the upcoming year the Board and myself will continue towards constructing the new landfill site with the intent to start using the new site in Fall, 2010.

I commend the dedication and hard work that the District and operators provide towards the successful operation of the site. I appreciate the opportunity to work with the District and look forward to providing the monitoring and assistance this coming year.

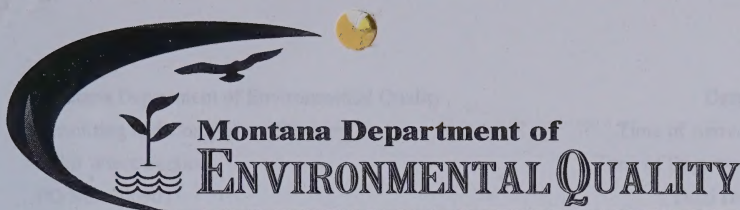
Submitted By:

BARRY DAMSCHEN CONSULTING, LLC



Barry E. Damschen, P.E.

MT License No. 3837E



Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

September 28, 2009

Mr. Clay Vincent R.S.
Hill County Courthouse
315 Fourth Street
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT LANDFILL (Lic. #389) — INSPECTION REPORT

Dear Mr. Vincent:

On August 10, 2009, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. At the time of my inspection no violations were noted. Some litter was present outside of the working face. There has been a lot of improvement to the site over the last year.

Brad Tommerup and I discussed possible solutions to some of the issues he is dealing with at the landfill. One idea we discussed was placing temporary litter fences on the top of the slope on the eastern edge of the working face. I understand there is a lot going on regarding your new facility, but getting the last bit of litter under control at the current facility is very important. It is evident that Mr. Tommerup has done a great job at cleaning up the facility, but he may need some additional help to complete his cleanup efforts. It would be in the best interest of everyone involved to have the current facility 100% in compliance by the opening of the new facility.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau: Phone (406) 444-9879, email: jblaine@mt.gov or FAX (406) 444-1374.

Sincerely,

Joe Blaine
Environmental Science Specialist
Solid Waste Program

Encl: On-Site Inspection Form
Cc: Hill Co. Sanitarian
File: Lic. # 389/ Hill Co/UnifiedDD/class II/Inspections
Path: G:\WUTSWS\inspections\classII\Hill\Unified_11_08

Montana Department of Environmental Quality

Permitting and Compliance Division

Solid Waste Section

PO Box 200901

Helena, MT 59620-0901

(406) 444-5300

Date: 8-10-2009

Time of Arrival: 2:30 am

Time of Departure: 3:30 am

Total Hours: 1

Solid Waste Management Site: On-Site Inspection Form

Facility Name: Unified Disposal District

License Number: 389

Operator: Clay Vincent

Address: 315 Fourth Street Courthouse

Landfill Representatives: Brad Tommerup

DEQ Representatives: Joe Blaine

I. Operation and Maintenance

	Y	N	NA
1. Alternative daily cover or 6 inches of daily cover applied?	☒	☐	☐
2. Quarterly cover applied to Class III & IV waste?	☒	☐	☐
3. Litter controlled?	☒	☐	☐
4. Rodents and insects controlled?	☒	☐	☐
5. Site access controlled?	☒	☐	☐
6. Approach road properly maintained?	☒	☐	☐
7. Salvaging at site?	☒	☐	☐
8. Waste volume/weight measured?	☒	☐	☐
9. Are runoff/runoff control systems in place?	☒	☐	☐
a. Are they maintained and adequate?	☐	☐	☐
10. Are refrigerator doors removed for site storage?	☒	☐	☐
11. Is the CFC removal documented?	☒	☐	☐
12. Is asbestos disposed of on-site?	☒	☐	☐
a. Are waste shipment manifests kept 2 years?	☒	☐	☐
b. Is a map of asbestos at the site kept?	☒	☐	☐
13. Does the site recycle?	☒	☐	☐
a. Are the recycling areas properly managed?	☒	☐	☐
14. Does the site compost?	☐	☒	☐
15. Does the site burn untreated wood waste?	☐	☒	☐
16. Does the site dispose of or landfarm contaminated soils?	☒	☐	☐
a. Are appropriate soil tests and TCLP analyses made and kept?	☒	☐	☐

NOTES: Some litter present at the East side of the landfill

Site Name: _____

B. Operational Records:

	Y	N	NA
1. Are groundwater monitoring records kept?	☒	☐	☐
a. Are they current?	☒	☐	☐
b. Are they on-site?	☐	☒	☐
c. Where? County office			
2. Are methane monitoring records kept?	☒	☐	☐
a. Are records current?	☒	☐	☐
b. Are records on-site?	☐	☒	☐
c. Where? County office			
3. Does the system have a hazardous waste screening program?	☒	☐	☐
a. Are at least 1% of loads screened?	☒	☐	☐
b. Are records with pictures kept?	☒	☐	☐
4. Are leachate analysis records kept on-site?	☐	☒	☐
5. Are closure and post-closure care documents kept on-site?	☐	☒	☐
6. Are employee training records kept on-site?	☐	☒	☐
7. Are financial assurance documents kept on-site?	☐	☒	☐
8. Is the license issued and current?	☒	☐	☐
9. Are the license and waste fees paid?	☒	☐	☐
10. Are out-of-state waste fees submitted quarterly?	☒	☐	☐
11. Are waste weight/volume records current?	☒	☐	☐

C. Ground Water Monitoring Requirements:

	Y	N	NA
13. Are the wells sealed at ground level?	☒	☐	☐
14. Are the wells locked?	☒	☐	☐

NOTES:

D. Leachate Collection Requirements:

13. What happens to leachate?	
14. How often is it Sampled?	

NOTES:

Site Name: _____

E. Burn Pile Management Requirements:

	Y	N	NA
1. Does site burn untreated wood wastes and is it controlled?	☐	☒	☐
2. Has an Air Quality Bureau permit been issued?	☐	☐	☒
3. Has burn pile been contaminated?	☐	☐	☒
a. If so, with what			

NOTES:

F. Regulated Hazardous Waste Detection and Disposal Prevention:

	Y	N	NA
1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility?	☒	☐	☐
2. Does the MSWLF perform random inspections?	☒	☐	☐
a. How often?			

NOTES:

G. Landfill Gas Monitoring:

	Y	N	NA
1. Does the MSWLF have an approved methane gas monitoring?	☒	☐	☐
2. Department checks conducted on wells?	☐	☐	☒
a. Results?			

NOTES:

H. Run-on/Run-off Control Requirements:

	Y	N	NA
1. Does the MSWLF have a run-on control system?	☒	☐	☐
2. Does the MSWLF have a run-off control system?	☒	☐	☐
3. Does the site have a Montana Pollutant Discharge Elimination System Permit?	☐	☒	☐

NOTES:

Site Name: _____

I. Special Waste Handling:

	Y	N	NA
1. White goods stored on-site?	☒	☐	☐
a. If so, has CFC removal been documented	☒	☐	☐
b. Have refrigerator doors been sealed or disabled?	☒	☐	☐
c. Are white goods recycled?	☒	☐	☐
How often?			
2. Dead animals accepted?	☒	☐	☐
3. Is asbestos disposed of on-site?	☒	☐	☐
a. Is it covered with 6 inches of fill?	☒	☐	☐
b. Are waste shipment manifests kept 2 years?	☒	☐	☐
c. Is a map of asbestos at the site kept?	☒	☐	☐
d. Covered with at least six inches of compact soil?	☒	☐	☐

NOTES:

J. Recycling and Compost

	Y	N	NA
1. What is recycled?			
a. Use Oil	☐	☒	☐
b. Aluminum Cans	☐	☒	☐
c. Steel Cans/ Scrap Metal	☒	☐	☐
d. Glass	☐	☒	☐
e. Paper	☐	☒	☐
f. Batteries	☒	☐	☐
g. Newspaper	☐	☒	☐
How often removed?			
2. What is composted?			
a. What composting method is used?			
b. What is the compost used for?			
c. Is the compost contaminated?	☐	☒	☐

NOTES:

Summary:

Needed Improvements: Litter control east of working face needs improvement.

Minor Violations: None

Major Violations: None

General Comments: major site improvements from last year.

Hours of Operation

The Landfill is open Monday through Friday from 7:00 a.m. to 5:00 p.m. and 8:00 a.m. to 5:00 p.m. on Saturday and Sunday.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Chouteau County and the Rocky Boys and Fort Belknap Indian Reservations. The District has roll-off containers strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (see scales). According to the District's manager, approximately 23,000 tons of waste are disposed of at the landfill. Since the site does not have scales, this is an estimate.

RECEIVED

FEB 11 2004

State of Idaho, County
Blaine & Laramie
San Bernardino County

Correspondence Slip

Project ID: _____

Requested: 9-25-09

Needed By: 9-28-09

Originator: JB

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

Darrell S.

Rick T.

4h, 9-25

4h, 9-25

RT, 9-28

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at: _____

Proof Path: G:\WUT_____

Special Instructions:

Mail copy of enclosures to CC's? ☒ Y ☐ N

Copies of enclosures for file needed? ☒ Y ☐ N

Copy of letter for file needed? ☒ Y ☐ N

I. Special Waste Handling

1. White goods stored on-site?
 - a. If so, has CFC removal been done?
 - b. Have refrigerator doors been removed?
 - c. Are white goods recycled?
2. Dead animals accepted?
3. Is asbestos disposed of on-site?
 - a. Is it covered with 6 inches of soil?
 - b. Are waste shipment manifests completed?
 - c. Is a map of asbestos at the site?
 - d. Covered with at least six inches of soil?

NOTES:

J. Recycling and Compost

1. What is recycled?
 - a. Used Oil
 - b. Aluminum Cans
 - c. Steel Cans/ Scrap Metal
 - d. Glass
 - e. Paper
 - f. Batteries
 - g. Newspaper
2. What is composted?
 - a. What composting method is used?
 - b. What is the compost used for?
 - c. Is the compost contaminated?

NOTES:



BARRY DAMSCHEN CONSULTING, LLC

Handwritten signature

Engineering • Solid Waste Management • Grant Administration

ANNUAL ENGINEERING INSPECTION
FOR
UNIFIED DISPOSAL DISTRICT LANDFILL
(Year 2007)

DATE OF INSPECTION: December 6, 2007

DATE OF SUBMITTAL: January 30, 2008

SUBMITTED TO DEQ AND DISTRICT

Hours of Operation

The Landfill is open Monday through Friday from 7:00 a.m. to 5:00 p.m. and 8:00 a.m. to 5:00 p.m. on Saturday and Sunday.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Choteau County and the Rocky Boys and Fort Belnap Indian Reservations. The District has roll-off container sites strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (no scales). According to the District's manager, approximately 23,000 tons of waste are disposed of at the landfill. Since the site does not have scales, this is an estimate.

Handwritten initials
RECEIVED

FEB 11 2008

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

Equipment

The full time equipment assigned to the landfill include:

- 627 scraper for excavating and transporting soil.
- 963 track loader for consolidating the waste and applying daily cover.
- 816 compactor for compacting the wastes (new unit was purchased four years ago).
- 1 Cat grader and one water truck for maintaining the roads.
- older D6 cat.
- John Deere tractor.
- Bobcat skid steer for clean-up and mowing

Personnel

The District landfill has one supervisor, and typically two full time equipment operators and two laborers. The supervisor has the overall responsibility of the site and its operation and works directly with the District's Board and DEQ as necessary on operation and regulatory issues. The District also has two truck drivers who service the roll-off sites. The operators and drivers are trained to fill in for each other when they are on vacation or sick leave. The chairman of the Board, Clay Vincent, also is intimately involved in the landfill's operation. Mr. Vincent works closely with the DEQ and Consultant on operation and regulatory issues.

General Operation

There are four separate areas where wastes may be disposed of at the site. These are summarized below:

- a) Class II Area - The Group II wastes are disposed of in the Class II disposal area located on the eastern portion of the site. Since this area was foot printed with wastes prior to 1993, no liner or LCS is required. The wastes are being compacted to a high degree with the compactor and the operators are doing a good job of applying daily soil cover and minimizing the size of the active working face. The cover soil is being obtained from the excavation of the area north of the existing Class II cell.

Over the past four years I have discussed the future disposal needs with the District Board and Chairman. This is in light of the fact that the existing area has ± 3 years of life remaining. After considerable study and meetings with the Board, it was decided by the Board that a new landfill site should be located. The Board and Consultant evaluated several sites two years ago. In August, 2005 a preferred site was selected and an option to purchase was signed by the landowner. Soil testing was conducted in the Fall, 2005 and again in Fall, 2006. The soils at the site appear to be conducive for a no-migration demonstration. Public meetings were held in late 2006 and in 2007 on the proposed site along with others. In mid 2007, the Board voted to proceed with the originally selected proposed site and purchased the site. We are in the process of preparing the design and no-migration demonstration. The application will be submitted to the DEQ in early to mid 2008.

- b) Class III Area - The Class III trench is located in the northwest area of the site. This trench receives wood wastes, concrete and tires. Approximately quarterly, the wastes deposited in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover. A new Class III trench has been excavated and is ready for filling. It is estimated that the existing Class III trench may last until the site is closed in ± 3 years.
- c) Appliances - Two separate areas are used to stockpile appliances that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a recycler is contracted to crush and haul away these items. These stockpiles were recently crushed.
- d) Contaminated Soil - Many years ago, the District constructed an area designated to accept and treat contaminated soils. The operators periodically mix these contaminated soils to provide treatment. Once the soils have been treated, they are hauled to the Class II area and

used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced. In 2007 a significant volume of contaminated soil was brought to the site due to the reconstruction of U.S. No. 2. In fact the soil treatment area had to be expanded.

e) **Storm Water Management**

The District is doing an excellent job of managing the storm water at the site. Ditches were constructed several years ago to prevent any run-on from entering the active fill areas. Also two storm water run-off ponds, located at the eastern and western ends of the Class II area, collect any storm water that is generated on the site. At the time of this inspection, the ponds were dry. The ponds are designed to handle the 25 year storm event.

Litter Control

Litter is controlled at the site quite effectively using a high litter fence around the Class II area along with several fences strategically located on the site. The District has a portable vacuum to assist in cleaning the fences. Litter is minimized by keeping the "active face" to a minimum size and applying daily cover. This strategy is becoming less effective, however, as the working face becomes higher. In 2007 a new litter fence was installed on the north side of the active fill area. The fencing is quite effective in controlling the litter. Special organizations are also hired to pick litter.

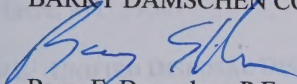
Summary

Having been the District's engineering consultant for the past $\pm$ 22 years, it is my opinion that the operation of the landfill is very good. All aspects of the site including compaction, daily cover, storm water management, litter control, road maintenance and management of the special wastes has improved significantly over the past few years. In the upcoming year the Board and myself will continue towards licensing the new landfill site.

I commend the dedication and hard work that the District and operators provide towards the successful operation of the site. I appreciate the opportunity to work with the District and look forward to providing the monitoring and assistance this coming year.

Submitted By:

BARRY DAMSCHEN CONSULTING, LLC

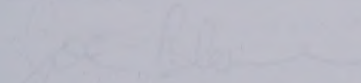

Barry E. Damschen, P.E.

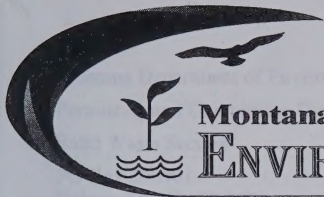
MT License No. 3837E

On November 8, 2008, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. At the time of my inspection no violations were noted. Scott Riter was present outside of the working area. Brad Thompson and I discussed possible solutions to some of the issues he is dealing with at the landfill. Some ideas we discussed were creating signs to show customers where to dump specific materials and stockpiling cover soil closer to where it will be needed. Thank you for taking the time to show us the location of proposed facility. And please thank Brad for showing us around your current facility.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Phone (406) 444-5679, email jhlundquist@gov.mt or FAX (406) 444-1374.

Sincerely,


Joe Blane
Environmental Science Specialist
Solid Waste Program



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

11-25-08 *gls*

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

November 25, 2008

Mr. Clay Vincent R.S.
Hill County Courthouse
315 Fourth Street
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT LANDFILL (Lic. #389) — INSPECTION REPORT

Dear Mr. Vincent:

On November 6, 2008, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. At the time of my inspection no violations were noted. Some litter was present outside of the working face. Brad Tommerup and I discussed possible solutions to some of the issues he is dealing with at the landfill. Some ideas we discussed were creating signs to show customers where to dump specific materials and stockpiling cover soil closer to where it will be needed. Thank you for taking the time to show us the location of proposed facility. And please thank Brad for showing us around your current facility.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau: Phone (406) 444-9879, email: jblaine@mt.gov or FAX (406) 444-1374.

Sincerely,

Joe Blaine
Environmental Science Specialist
Solid Waste Program

Cc: Hill Co. Sanitarian
File: Lic. # 389/ Hill Co/UnifiedDD/class II/Inspections
Path: G:\WUT\SWS\inspections\classII\Hill\Unified_11_08

Montana Department of Environmental Quality
Permitting and Compliance Division
Solid Waste Section
PO Box 200901
Helena, MT 59620-0901
(406) 444-5300

Date: 11-6-2008

Time of Arrival: 10:00

Time of Departure: 11:00

Total Hours: 1

Solid Waste Management Site: On-Site Inspection Form

Facility Name: Unified Disposal District

License Number: 389

Operator: Clay Vincent

Address: 315 Fourth Street Courthouse

Landfill Representatives: Brad Tommerup

DEQ Representatives: Joe Blaine, Mary Hendrickson, Martin Van-Oort

I. Operation and Maintenance

	Y	N	NA
1. Alternative daily cover or 6 inches of daily cover applied?	☒	☐	☐
2. Quarterly cover applied to Class III & IV waste?	☒	☐	☐
3. Litter controlled?	☒	☐	☐
4. Rodents and insects controlled?	☒	☐	☐
5. Site access controlled?	☒	☐	☐
6. Approach road properly maintained?	☒	☐	☐
7. Salvaging at site?	☒	☐	☐
8. Waste volume/weight measured?	☒	☐	☐
9. Are runoff/runoff control systems in place?	☒	☐	☐
a. Are they maintained and adequate?	☐	☐	☐
10. Are refrigerator doors removed for site storage?	☒	☐	☐
11. Is the CFC removal documented?	☒	☐	☐
12. Is asbestos disposed of on-site?	☒	☐	☐
a. Are waste shipment manifests kept 2 years?	☒	☐	☐
b. Is a map of asbestos at the site kept?	☒	☐	☐
13. Does the site recycle?	☒	☐	☐
a. Are the recycling areas properly managed?	☒	☐	☐
14. Does the site compost?	☐	☒	☐
15. Does the site burn untreated wood waste?	☐	☒	☐
16. Does the site dispose of or landfarm contaminated soils?	☒	☐	☐
a. Are appropriate soil tests and TCLP analyses made and kept?	☒	☐	☐

NOTES:

Site Name: _____

B. Operational Records:

	Y	N	NA
1. Are groundwater monitoring records kept?	☒	☐	☐
a. Are they current?	☒	☐	☐
b. Are they on-site?	☐	☐	☐
c. Where?	☐	☐	☐
2. Are methane monitoring records kept?	☒	☐	☐
a. Are records current?	☒	☐	☐
b. Are records on-site?	☐	☒	☐
c. Where?	☐	☐	☐
3. Does the system have a hazardous waste screening program?	☒	☐	☐
a. Are at least 1% of loads screened?	☒	☐	☐
b. Are records with pictures kept?	☒	☐	☐
4. Are leachate analysis records kept on-site?	☐	☒	☐
5. Are closure and post-closure care documents kept on-site?	☐	☒	☐
6. Are employee training records kept on-site?	☐	☒	☐
7. Are financial assurance documents kept on-site?	☐	☐	☐
8. Is the license issued and current?	☐	☐	☐
9. Are the license and waste fees paid?	☐	☐	☐
10. Are out-of-state waste fees submitted quarterly?	☒	☐	☐
11. Are waste weight/volume records current?	☐	☒	☐

C. Ground Water Monitoring Requirements:

	Y	N	NA
13. Are the wells sealed at ground level?	☒	☐	☐
14. Are the wells locked?	☒	☐	☐

NOTES:

D. Leachate Collection Requirements:

13. What happens to leachate?	
14. How often is it Sampled?	

NOTES:

Site Name:

NOTES:

E. Burn Pile Management Requirements:

	Y	N	NA
1. Does site burn untreated wood wastes and is it controlled?	☐	☒	☐
2. Has an Air Quality Bureau permit been issued?	☐	☐	☒
3. Has burn pile been contaminated? a. If so, with what	☐	☐	☒

NOTES:

F. Regulated Hazardous Waste Detection and Disposal Prevention:

	Y	N	NA
1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility?	☒	☐	☐
2. Does the MSWLF perform random inspections? a. How often?	☒	☐	☐

NOTES:

G. Landfill Gas Monitoring:

	Y	N	NA
1. Does the MSWLF have an approved methane gas monitoring?	☐	☒	☐
2. Department checks conducted on wells? a. Results?	☐	☐	☒

NOTES:

H. Run-on/Run-off Control Requirements:

	Y	N	NA
1. Does the MSWLF have a run-on control system?	☒	☐	☐
2. Does the MSWLF have a run-off control system?	☒	☐	☐
3. Does the site have a Montana Pollutant Discharge Elimination System Permit?	☐	☒	☐

NOTES:

Site Name: _____

I. Special Waste Handling:

	Y	N	NA
1. White goods stored on-site?	☒	☐	☐
a. If so, has CFC removal been documented	☒	☐	☐
b. Have refrigerator doors been sealed or disabled?	☒	☐	☐
c. Are white goods recycled?	☒	☐	☐
How often?			
2. Dead animals accepted?	☒	☐	☐
3. Is asbestos disposed of on-site?	☒	☐	☐
a. Is it covered with 6 inches of fill?	☒	☐	☐
b. Are waste shipment manifests kept 2 years?	☒	☐	☐
c. Is a map of asbestos at the site kept?	☒	☐	☐
d. Covered with at least six inches of compact soil?	☒	☐	☐

NOTES:

J. Recycling and Compost

	Y	N	NA
1. What is recycled?			
a. Use Oil	☐	☒	☐
b. Aluminum Cans	☐	☒	☐
c. Steel Cans/ Scrap Metal	☒	☐	☐
d. Glass	☐	☒	☐
e. Paper	☐	☒	☐
f. Batteries	☒	☐	☐
g. Newspaper	☐	☒	☐
How often removed?			
2. What is composted?			
a. What composting method is used?			
b. What is the compost used for?			
c. Is the compost contaminated?	☐	☒	☐

NOTES:

face.

Site Name: _____

Correspondence Slip**Project ID:** _____**Requested:** _____**Needed By:** _____**Originator:** _____**Org(s)/Mail Code:** _____REVIEW
ROUTING**Name****Task****Initial/Date**AdminProofSh 11-14Darrell S.Das 11/24Rich TRT 11-25-08**Mail original via:**☒ Regular ☐ Certified ☐ Registered ☐ FedEx**Fax to addressee at:****Proof Path:** G:\WUT_____**Special Instructions:****Mail copy of enclosures to CC's?** ☒ Y ☐ N**Copies of enclosures for file needed?** ☒ Y ☐ N**Copy of letter for file needed?** ☒ Y ☐ N



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
4-3-07 gh

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

March 30, 2007

Mr. Clay Vincent
315 Fourth Street Courthouse
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT LANDFILL (Lic. #389) — INSPECTION REPORT

Dear Mr. Vincent:

On March 27, 2007, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. At the time of my inspection no violations were noted. Thank you and Mr. Van Otto for your efforts in keeping your facility in compliance.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Waste Management Section: Phone (406) 444-9879, email cmccoy2@mt.gov or FAX (406) 444-1374.

Sincerely,

Colin McCoy
Inspector
Solid Waste Regulatory Program

Cc: Hill Co. Sanitarian

File: Lic. # 389/ Hill Co/UnifiedDD/class II/Inspections

Path: G:\WUT\SWS\inspections\classII\Hill\Unified3-27-07

Correspondence Slip

Project ID: _____

Requested: _____

Needed By: 3/30/07

Originator: CM

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

JA / 3-30-07

DS

Das / 3/30

RT

RT / 3-30-2007

_____ / _____

Mail original via:

☐ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT_____

Special Instructions:

Mail copy of enclosures
to CC's? Y N

Copies of enclosures
for file needed? Y N

Copy of letter for file
needed? Y N



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

12-21-06 Jh

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

December 20, 2006

Mr. Clay Vincent
315 Fourth Street Courthouse
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT (LIC. #389)—INSPECTION REPORT

Dear Mr. Vincent:

On December 14, 2006, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. According to ARM § 17.50.526(1), the operator must be notified whenever violations are observed. The Field Observation Form and the Inspection Report are enclosed.

The report is divided into categories, such as General Operation and Maintenance Plan. Each category is subdivided into Major Violations, Minor Violations, Description of Violation and Recommended Measures for Compliance. In each case, the sections of statutes and rules are cited with an explanation of the specific problem.

Minor Violation(s):

1. Inadequate Intermediate Cover
2. Inadequate Litter Control

Major violations should be addressed immediately or the Department may take action. If not rectified, minor violations may become major violations. To achieve compliance, the facility must correct all the violations according to the specific actions and schedules provided. Materials discussed under Recommended Measures for Compliance are requirements.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Management Section: Phone (406) 444-9879, email cmccoy2@mt.gov or FAX (406) 444-1374.

Sincerely,

Colin McCoy

Inspector

Solid Waste Regulatory Program

Encl: Copy of On-Site Observation Form, Inspection Report, photos
Cc: Clay Vincent, Hill Co. Sanitarian, 315 Fourth St, Havre, MT 59501
File: Lic. # 389/Hill Co/Unified Disposal/class II/Inspections
Path: G:\WUTSWS\inspections\classII\Hill\Havre12.14.06

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 5/04/01)

Site Name: Unified Disposal District

License No.: 389

Date of Inspection: December 14, 2006

Persons Present: Colin McCoy – DEQ, Terry Otto – Landfill Supervisor

Applicable Acronyms

ARM = Administrative Rules of Montana

CFR = Code of Federal Regulations

Department = Montana Department Environmental Quality

MCA = Montana Code Annotated

MSWLF = Municipal solid waste landfill

MSWMA = Montana Solid Waste Management Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (for the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

ARM § 17.50.526 (1) If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

(2) Depending on the severity of the violation, the department may seek a compliance schedule from the applicant or initiate proceedings to revoke the license. The department may also, through the attorney general or appropriate county attorney, seek to enjoin the licensee, or collect a criminal penalty.

(3) The department may seek a civil penalty from persons who store, treat, transport or dispose of waste in violation of this subchapter or Title 75, chapter 10, part 2, MCA.

General Operational and Maintenance Requirements

Minor Violation(s): Inadequate Intermediate Cover

ARM § 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional

waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

Description of Violation(s): *Waste is visible through the intermediate cover at the landfill.*

Recommended Measures for Compliance: Please apply 12 inches of cover soil to the areas with inadequate cover by January 15, 2007. Please submit photographs to the Department for compliance verification after the cover has been applied and not later than January 20, 2007.

Minor Violation(s): **Inadequate Litter control**

ARM § 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Description of Violation(s): *Due to high winds litter has escaped the working face.*

Recommended Measures for Compliance: Please have the litter removed from landfill property and litter fences as soon as possible.

Date: 12-14-06

Time of Arrival: 9:30

Time of Departure: 11:45

Total Hours: ~~1~~ 2:15

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II Landfill
Location Havre
Owner Unified Disposal District Phone _____
Address _____ City _____, MT _____
Operator Clay Vincent Phone 265-5481 ex 266
Address 315 Fourth Street Courthouse City Havre, MT 59501
Landfill Representative(s) Present Terry Otto Title Supervisor
DEQ Representative(s) Present Colin McCoy Title E.S.S.

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Courthouse
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] X
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] X
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] X
b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] X
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] X
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] X
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] X
8. Rodents and insects controlled? [ARM 17.50.510(7)] X
9. Blowing litter controlled? [ARM 17.50.510(6)] X
10. Access to site controlled? [ARM 17.50.510(4) and (5)] X
Sign(s) X Gate(s) X Fences(s) [ARM 17.50.511(1)(c)] X Supervision X
(Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] X
12. Solid Waste Management facility equipment visible on-site? X
a) If so, what kind(s) compactor
13. Salvaging going on? [ARM 17.50.510(8)] X
a) Approved salvaging plan on-file with DEQ? X
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] estimates

a) How often is volume measured? daily

NOTES: _____

B. Ground Water Monitoring Requirements

Yes No N/A

- 1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ ☐ ☐
- 2. Are the wells locked? [ARM 17.50.707(8)] ☒ ☐ ☐

NOTES: _____

C. Leachate Collection Requirements

- 1. What happens to the leachate? no leachate collected for years
- 2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

- 1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☐ ☒ ☐
- 2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ ☐ ☒
- 3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ ☐ ☒
 - a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

- 1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ ☐ ☐
- 2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ ☐ ☐
 - a) How often? weekly

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

- 1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ ☐ ☐
- 2. Department checks conducted on wells? ☒ ☐ ☐
 - a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

- 1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ ☐ ☐
- 2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ ☐ ☐
- 3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) ☐ ☒ ☐

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒ Yes ☐ No ☐ N/A
a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ Yes ☐ No ☐ N/A
b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒ Yes ☐ No ☐ N/A
c) Are White Goods recycled? ☒ Yes ☐ No ☐ N/A
d) By whom? Rosen Bros Pacific Steel
e) How often are they removed from site? every 2 years
2. Dead animals accepted? ☒ Yes ☐ No ☐ N/A
3. Is asbestos disposed on-site? ☐ Yes ☒ No ☐ N/A
a) If so, is there a special disposal area for it? ☐ Yes ☒ No ☐ N/A
b) Is a map available? ☐ Yes ☒ No ☐ N/A
c) Covered with at least six inches of soil? ☐ Yes ☒ No ☐ N/A
d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)] ☐ Yes ☒ No ☐ N/A
e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☐ Yes ☐ No ☒ N/A
4. Does the site landfarm contaminated soils? ☒ Yes ☐ No ☐ N/A
a) If so, is it part of the approved operations? ☒ Yes ☐ No ☐ N/A
b) Where is it located? _____

NOTES: _____

I. Waste Reduction

Yes No N/A

1. Does the facility recycle? ☒ Yes ☐ No ☐ N/A
a) What is recycled?
Used Oil ☐ Yes ☒ No ☐ N/A
Aluminum Cans ☐ Yes ☒ No ☐ N/A
Steel Cans/Scrap Metal ☒ Yes ☐ No ☐ N/A
Glass ☐ Yes ☒ No ☐ N/A
Paper ☐ Yes ☒ No ☐ N/A
Batteries (Wet/Dry Cell) ☒ Yes ☐ No ☐ N/A
Newspaper ☐ Yes ☒ No ☐ N/A
Other _____
b) What is the frequency of removal? _____
c) Where are the recyclables taken? _____
2. Does the facility compost? ☐ Yes ☒ No ☐ N/A
a) What composting method is used? _____
b) What is composted? _____
c) What is the compost used for? _____
d) Is it contaminated? ☐ Yes ☒ No ☐ N/A
3. Does the facility have a household hazardous waste collection area? ☐ Yes ☒ No ☐ N/A
a) If so, what is collected? _____
b) How often is the material removed and who removes it? _____
c) What is the final disposition of the collected material? _____

NOTES: _____

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have weight/volume records on-site? ☐ Yes ☒ No ☐ N/A
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☐ Yes ☒ No ☐ N/A
a) If not, where are they? courthouse
b) When were the wells last sampled? _____
c) What was it sampled for? _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department must mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

	Yes	No	N/A
3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)]	☒	☐	☐
a) Where are they located? <u>Courthouse</u>	☒	☐	☐
b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)]	☒	☐	☐
4. Does the facility have on-site records of landfill gas monitoring ?	☐	☒	☐
5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)]	☐	☐	☒
a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)]	☐	☐	☒
b) Are records available for inspection? [40 C.F.R. § 61.154(i)]	☐	☐	☒
c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)]	☐	☐	☒
6. In regard to landfills , are waste shipment records maintained?	☒	☐	☐
a) Is the material typically analyzed?	☒	☐	☐
b) Are analytical results on file?	☒	☐	☐
c) What volume of soils are accepted annually? <u>20 yd³</u>	☐	☐	☐
7. Are leachate analysis records stored on-site?	☐	☐	☒
a) If not, where?	☐	☐	☐
b) When was the last sampling event?	☐	☐	☐
c) What contaminate(s) is the leachate tested for?	☐	☐	☐
8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)]	☐	☐	☒
a) What are they?	☐	☐	☐
9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)]	☐	☐	☒
10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)]	☐	☒	☐
11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)]	☐	☒	☐
12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)]	☐	☒	☐
13. License issued? [ARM 17.50.410(1)]	☒	☐	☐
14. Fees paid? [ARM 17.50.410(1)(b)]	☒	☐	☐

NOTES: _____

K. Additional Questions

	Yes	No	N/A
1. Does the MSWLF accept out-of-state wastes?	☐	☒	☐
a) If so, how much?	☐	☐	☐
2. Are the weight records up to date? [ARM 17.50.411(4)]	☐	☐	☒
3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)]	☐	☐	☒
4. Out-of-state waste received from: _____	☐	☐	☐

ADDITIONAL NOTES AND/OR COMMENTS: minor for intermediate cover
litter

Unified Disposal District
Landfill

License #389

Picture showing
inadequate cover
12/14/2006



Unified Disposal
District Landfill
License #389
Picture showing
inadequate cover
12/14/2006



Unified Disposal
District Landfill
License #389
Picture showing litter
12/14/2006



Correspondence Slip

Project ID: _____

Requested: _____

Needed By: 12/21/06

Originator: CM

Org(s)/MailCode: _____

REVIEW
ROUTING

Name

Task

Initial/Date

DS

review

DS 12/20

RT

review

RT 12-21-06

JH

/

/

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT_____

Special Instructions:

Mail copy of
enclosures
to CC's? ☒ N

Copies of enclosures
for file needed? ☒ N

Copy of letter for file
needed? ☒ N



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
9-7-06 JH

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

August 3, 2006

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, Montana 59501-3923

RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL (Lic. No. 389) INSPECTION REPORT

Dear Mr. Vincent:

On July 24, 2006, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. According to ARM § 17.50.526(1), the operator must be notified whenever violations are observed. The Field Observation Form is enclosed. During the inspection, the following was noted:

A major violation was observed for:

1. Blowing litter.

To achieve compliance, the facility must correct all violations. Other than the major violation noted at the landfill, the site appeared to be in good order.

Please extend my thanks to Gene Stinson for taking the time to take me on a tour of the facility and answer my numerous questions. If you have any questions or concerns please contact me at the Waste & Underground Tank Management Bureau, (406) 444-1434, or e-mail me at renhill@mt.gov.

Sincerely,

Renai Hill
Environmental Science Specialist
Waste & Underground Tank Management Bureau

Enc: Copy of On-Site Observation Form and Photo Log

File: Lic. # 389 Hill/UnifiedDispDistrict/class II/Inspections

Path: G:\WUT\SWS\inspections\class II\hill\UnifiedDD 7-24-06.doc

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

Site Name: Unified Disposal District Class II Landfill

License #: 389

Date of Inspection: July 24, 2006

Persons Present: Gene Stinson and Terry Otto

Applicable Acronyms

ARM = Administrative Rules of Montana

CFR = Code of Federal Regulations

Department = Montana Department Environmental Quality

MCA = Montana Code Annotated

MSWLF = Municipal solid waste landfill

MSWMA = Montana Solid Waste Management Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (For the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

ARM § 17.50.526 (1) If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation. **(2)** Depending on the severity of the violation, the department may seek a compliance schedule from the applicant or initiate proceedings to revoke the license. The department may also, through the attorney general or appropriate county attorney, seek to enjoin the licensee, or collect a criminal penalty. **(3)** The department may seek a civil penalty from persons who store, treat, transport or dispose of waste in violation of this subchapter or Title 75, chapter 10, part 2, MCA.

§ 75-10-228, MCA (MSWMA) Civil Penalties. (1) A person who violates any provision of this part, a rule adopted under this part, or a license provision is subject to a civil penalty not to exceed \$1,000. Each day of violation constitutes a separate violation. **(2)** The department may institute and maintain in the name of the state any enforcement proceedings under this section. Upon request of the department, the attorney general or the county attorney of the county where the violation occurred shall petition the district court to impose, assess, and recover the civil penalty.

§ 75-10-232, MCA (MSWMA) Penalty for violations. (1) A person violating this part or regulations prescribed by the department under this part, except 75-10-212(2), is guilty of a misdemeanor and upon conviction shall be fined not less than \$50 or more than \$500. **(2)** Each day upon which a violation occurs is a separate violation.

7-24-06
11:15
12:30
14-25-06

Page 1 of Environmental Quality
Permitting & Compliance Division
Solid Waste Management Program
FBI Area Office
Atlanta, Georgia
Phone: (404) 656-2000
Fax: (404) 656-2001

GENERAL OPERATIONAL AND MAINTENANCE REQUIREMENTS

► **MAJOR VIOLATION(S):** Failure to control on-site litter

ARM § 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM § 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM § 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

DESCRIPTION OF VIOLATION:

During the inspection, litter was observed scattered throughout the site, along the facility fence and outside the facility boundary, in the collection ponds and storm water run-off ditches. See photo's #1846-1849, 1855, 1861, 1862, 1867-1871, and 1874.

Recommendation:

Vacuum and pickup litter more frequently.

Date: 7-24-06

Time of Arrival: 4:05

Time of Departure: 12:30

Total Hours: 1 hr 25 min

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II
Location Blaine County few miles east of Helena
Owner Unified Disposal District Phone _____
Address 315 Fourth St. Courthouse City Helena MT 59501
Operator _____ Phone (406) 265-5481 x346
Address _____ City _____ MT _____
Landfill Representative(s) Present Gene Stinson Title operator
Terry Otto Title Supervisor
DEQ Representative(s) Present Renae Hill Title ESS
Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Court House
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] X
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] X
 - a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] X
 - b) If so, what kind?
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] X
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] X
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] X
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] X
8. Rodents and insects controlled? [ARM 17.50.510(7)] X
9. Blowing litter controlled? [ARM 17.50.510(6)] 3 Fences
10. Access to site controlled? [ARM 17.50.510(4) and (5)] X
Sign(s) X Gate(s) X Fences(s) Supervision
(Check all that apply)
11. Approach/road properly maintained? [ARM 17.50.505(1)(b)] X
12. Solid Waste Management facility equipment visible on-site? X
 - a) If so, what kind(s) See note below:
13. Salvaging going on? [ARM 17.50.510(8)] X
 - a) Approved salvaging plan on-file with DEQ? X
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] X

State Scale and estimate

a) How often is volume measured? Scale 3x week random loads.

NOTES: Site has been shut handed for several months.
one worker quite and another worker broke his leg.
Equipment on site: 816F compactor, 63 Truck loader, 36-Cat, 627 skidder,
140 Co, small truck, & water truck.
Litter throughout site & heavy in ditches. Litter pickup once a month.
Per Mr. Otto litter is vacuumed on all site every other week.

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? Evaporate .. two collection ponds.
for leachate & storm water run-off.
2. How often is it sampled? ? - Barry Damschen - samples.

NOTES: Both ponds + ditches dry at the time of the
inspection.

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☐ Yes ☒ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☒ No ☐ N/A
3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☒ No ☐ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ Yes ☐ No ☐ N/A
- a) How often? at Random.

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☐ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? [ARM 17.30.1301 et seq.] ☐ Yes ☐ No ☐ N/A

NOTES: Run South side / sloped to ponds (2).
Barry Damschen conducts sampling

Yes	No	N/A
-----	----	-----

- Handwriting practice lines showing the letter 'X' written multiple times on ruled paper.

I. Waste Reduction

Yes No N/A

- Handwriting practice lines showing the letter 'X' written in blue ink. The letter 'X' is shown in various positions (top, middle, bottom) and orientations (upright, slanted) across multiple rows of lines.

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

- [illegible]

- | | Yes | No | N/A |
|---|-----|----|-----|
| 3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)] | — | — | — |
| a) Where are they located? | — | — | — |
| b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)] | — | — | — |
| 4. Does the facility have on-site records of landfill gas monitoring ? | — | — | — |
| 5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)] | — | — | — |
| a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)] | — | — | — |
| b) Are records available for inspection? [40 C.F.R. § 61.154(i)] | — | — | — |
| c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)] | — | — | — |
| 6. In regard to landfills , are waste shipment records maintained? | — | — | — |
| a) Is the material typically analyzed? | — | — | — |
| b) Are analytical results on file? | — | — | — |
| c) What volume of soils are accepted annually? | — | — | — |
| 7. Are leachate analysis records stored on-site? | — | — | — |
| a) If not, where? | — | — | — |
| b) When was the last sampling event? | — | — | — |
| c) What contaminate(s) is the leachate tested for? | — | — | — |
| 8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)] | — | — | — |
| a) What are they? | — | — | — |
| 9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)] | — | — | — |
| 10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)] | — | — | — |
| 11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)] | — | — | — |
| 12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)] | — | — | — |
| 13. License issued? [ARM 17.50.410(1)] | — | — | — |
| 14. Fees paid? [ARM 17.50.410(1)(b)] | — | — | — |

NOTES: _____

K. Additional Questions

- | | Yes | No | N/A |
|--|-----|----|-----|
| 1. Does the MSWLF accept out-of-state wastes? | — | — | X |
| a) If so, how much? | — | — | — |
| 2. Are the weight records up to date? [ARM 17.50.411(4)] | — | — | X |
| 3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)] | — | — | — |
| 4. Out-of-state waste received from: | — | — | — |

ADDITIONAL NOTES AND/OR COMMENTS: Mr. Terry Otto arrived during the end of my inspection, but answer several questions

Operations looked good with the exception of the litter problem.

MT DEQ WUTMB P&C DIVISION

PHOTO #: DCP01846

SUBJECT: Unified Disposal District Class II Landfill

LOCATION: Havre

COUNTY: Hill

DATE: July 24, 2006

WEATHER: Hot & Sunny

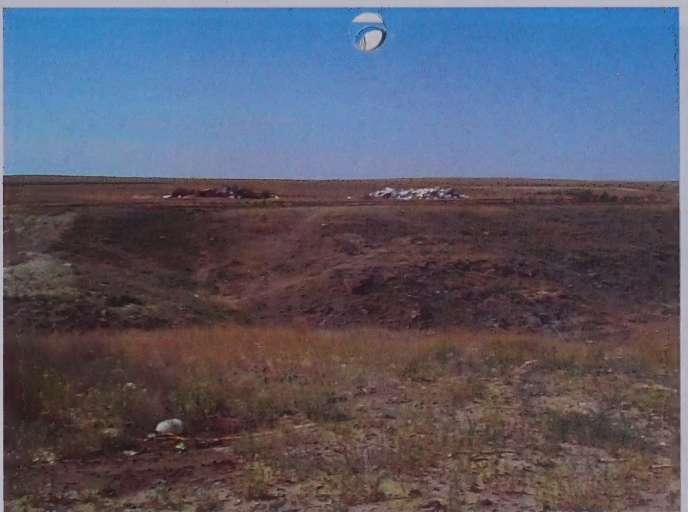
PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *RH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking southwest at the scrap metal collection area. Litter can be seen throughout the field.



MT DEQ WUTMB

PHOTO #: DCP01847

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *RH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at a collection pond adjacent to and below the active working face. Litter can be seen throughout the area.



MT DEQ WUTMB

PHOTO #: DCP01848

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *RH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the working face. Litter can be seen along the rim and below.



MT DEQ WUTMB

PHOTO #: DCP01849

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the active face and litter through out the area.



MT DEQ WUTMB

PHOTO #: DCP01850

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking north at the used tire collection site. Class III trench area.



Tires are buried twice a year.

MT DEQ WUTMB

PHOTO #: DCP01851

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the Class III trench. Wood waste is being collected north of the used tires.



MT DEQ WUTMB

PHOTO #: DCP01852

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Standing on the east side of the pit looking west at the tire collection and burial site.

Tires are buried twice a year.



MT DEQ WUTMB

PHOTO #: DCP01853

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the floor of the pit at the tires and wood debris.

Tires are buried twice a year.



MT DEQ WUTMB

PHOTO #: DCP01854

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking west at the landfarm site.

Contaminated soil from diesel and oil spills which is mixed with dirt is land farmed. The soil is farmed for three years and then used for cover.



MT DEQ WUTMB
PHOTO #: DCP01855

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking northwest at the landfarm site.
Litter can be seen in the underbrush.



MT DEQ WUTMB
PHOTO #: DCP01856

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Close-up of the landfarm soil. Soil was
turned this Spring.
Litter can be seen in the underbrush.



MT DEQ WUTMB
PHOTO #: DCP01857

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the northwest section of the
active face.
Litter can be seen down the face and on
the adjacent mound to the west.



MT DEQ WUTMB

PHOTO #: DCP01858

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the northeast section of the active face.



MT DEQ WUTMB

PHOTO #: DCP01859

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at equipment at the active face.



MT DEQ WUTMB

PHOTO #: DCP01860

PHOTOGRAPHER: Renai Hill
PHOTOGRAPHER (Sig.) 
CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the scrap metal and C&D site.



MT DEQ WUTMB

PHOTO #: DCP01861

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at litter outside the litter fence along roadway and in field at the landfill site.



MT DEQ WUTMB

PHOTO #: DCP01862

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at litter along roadway on the property.



MT DEQ WUTMB

PHOTO #: DCP01863

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the scrape metal collection site.



MT DEQ WUTMB

PHOTO #: DCP01864

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the scrape metal collection site.



MT DEQ WUTMB

PHOTO #: DCP01865

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking west at the new junk vehicle collection and storage site. The County began using the site Spring 2006.



MT DEQ WUTMB

PHOTO #: DCP01866

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking east at the new junk vehicle collection and storage site.

The County drains the fluids from the vehicles.



MT DEQ WUTMB

PHOTO #: DCP01867

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the used lead acid battery collection and storage area.

Litter can be seen along the fence.



MT DEQ WUTMB

PHOTO #: DCP01868

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Lead acid batteries are stacked off the ground on a metal flatbed. The batteries are taken to Great Falls for recycling when they have collected a flatbed full.

Litter can be seen along the fence and outside the fence line.



MT DEQ WUTMB

PHOTO #: DCP01869

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the litter fence on the northeast side of the landfill.

Litter can be seen outside the fence and on the roadway.



MT 002 WUTING
PHOTO & DESIGN
PHOTOGRAPHY: KENNETH
PHOTOGRAPHY: GARY
CAMERA: KODAK DCS-5050 (2000) 1/2000 1/4000

EXPLANATION:

Looking at the used lead acid battery
collection and storage area.

Litter can be seen along the fence.

MT 002 WUTING
PHOTO & DESIGN
PHOTOGRAPHY: KENNETH
PHOTOGRAPHY: GARY
CAMERA: KODAK DCS-5050 (2000) 1/2000 1/4000

EXPLANATION:

Lead acid batteries are stacked off the
ground on a metal flaked. The batteries
are taken to Great Falls for recycling when
they have collected a flaked full.

Litter can be seen along the fence and
outside the fence line.

MT 002 WUTING
PHOTO & DESIGN
PHOTOGRAPHY: KENNETH
PHOTOGRAPHY: GARY
CAMERA: KODAK DCS-5050 (2000) 1/2000 1/4000

EXPLANATION:

Looking at the litter fence on the northwest
side of the landfill.

Litter can be seen outside the fence and on
the roadway.

MT DEQ WUTMB

PHOTO #: DCP01870A

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the large amounts of litter in the storm water collection ditch. The ditch runs to leachate collection pond on the west side of the landfill.

Operator states litter is too wet to vacuum up.



MT DEQ WUTMB

PHOTO #: DCP01871

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at litter in and around one of two collection ponds. Litter can be seen throughout the area.

The ponds were dry at the time of the inspection.



MT DEQ WUTMB

PHOTO #: DCP01872

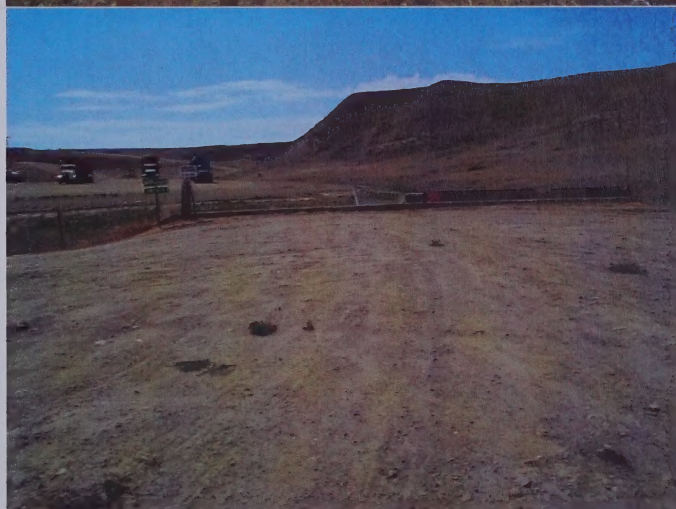
PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) 

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the transfer collection site on the west side of the entrance road. Used tires and scrap metal are being collected.





Looking at the large amount of litter in
the storm water collection ditch. The ditch
runs to Leach's collection pond on the
west side of the landfill.

Operator states litter is too wet to vacuum
up.

EXPLANATION:

MT DEC 20/198
PHOTO: DATED
PHOTOGRAPHER: BOWEN
PHOTOGRAPHED: 12/1/80
CAMERA: Kodak D1000 (200) 35mm f/2.8



Looking at litter in and around one of two
collection ponds. Litter can be seen
throughout the area.

The ponds were dry at the time of the
inspection.

EXPLANATION:

MT DEC 20/198
PHOTO: DATED
PHOTOGRAPHER: BOWEN
PHOTOGRAPHED: 12/1/80
CAMERA: Kodak D1000 (200) 35mm f/2.8

Looking at the transfer collection site on
the west side of the entrance road. Used
tires and scrap metal are being collected.

EXPLANATION:

MT DEC 20/198
PHOTO: DATED
PHOTOGRAPHER: BOWEN
PHOTOGRAPHED: 12/1/80
CAMERA: Kodak D1000 (200) 35mm f/2.8

MT DEQ WUTMB

PHOTO #: DCP01873

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Close-up view of the tire container.



MT DEQ WUTMB

PHOTO #: DCP01874

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at the transfer collection container site on the east side of the entrance road for public drop-off of solid waste.

Litter can be seen throughout the area and in the hills to the east.



MT DEQ WUTMB

PHOTO #: DCP01875

PHOTOGRAPHER: Renai Hill

PHOTOGRAPHER (Sig.) *PH*

CAMERA: Kodak DX6340 Easy Share Digital Camera

EXPLANATION:

Looking at container site for public drop-off of solid waste. Three garbage containers and one container for trees, wood, and leaves.



Correspondence Slip

Requested:

8-3-06

Originator:

Renee

Needed By:

8-4-06

Org(s)/MailCode:

Review

Name

Initial/Date

Routing:

Jennell
Rut
Rick
Adison

Jas / 8/3/06
Rut / 8/11

Jh / 8-14-06

Proof Path: G:\WUT\

Mailing:

Send original letter: Regular Certified Registered FedEx

Fax to addressee at:

Special Instructions:

Enclosures & cc: info will be followed exactly "as is" on correspondence. Enclosures will not go with copies, unless otherwise specified.



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
8-1-05 *JA*

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

July 29, 2005

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, Montana 59501-3923

RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL (Lic. No. 389) INSPECTION REPORT

Dear Clay:

On June 24, 2005, I inspected your facility for compliance with Montana laws and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection form for your files.

Please extend my gratitude to Terry Otto for taking time out of his schedule to discuss landfill operations. I would like to commend Terry Otto and his staff on doing a superb job of maintaining a sanitary landfill. Prior to inspecting the Unified Class II landfill, a severe storm had traveled through Havre in addition to several towns located along Highway 2. It was apparent at the time of my inspection that Terry Otto and his staff have been working diligently on applying daily and intermediate cover in addition to removing litter from the primary and secondary fences. Although the storm swept through the landfill, the good application of daily and intermediate cover kept the waste from being blown across the site and the excellent distribution of primary and secondary litter fences helped capture any litter that had gotten blown from the working face during the storm.

During my inspection I mentioned to Terry there was a minor amount of litter that had traveled from the working face into the stormwater control ditches as a result of the severe storm. I asked Terry to inspect the stormwater ditches as soon as possible and remove the litter. Terry informed me that a temporary crew was arriving that week to assist with litter picking and that the litter would be promptly removed. Please extend my thanks to Terry for taking care of this matter.

If you have any questions, comments, or if I can be of assistance, please do not hesitate to contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program. On behalf of the Solid Waste Program, great job!

Sincerely,

K. Michele Lizon (formerly K. Michele Fitcher)
Solid & Hazardous Waste Specialist
Waste Management Section
Telephone: (406) 444-3493; Facsimile: (406) 444-1374
E-mail: mlizon@mt.gov

Encl: Copy of On-Site Observation Form
File: Lic. # 389 Hill/UnifiedDispDistrict/class II/Inspections
Path: G:\WUT\SWS\inspections\class II\hill\UnifiedDD_0605mf.doc

Date: 6/24/05
Time of Arrival: 9:15
Time of Departure: _____
Total Hours: _____

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II LF
Location Blaine County few miles east of Havre
Owner Unified Disposal Bureau Phone _____
Address (Blaine, Choteau, Hill) City Havre, MT _____
Operator _____ Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present ~~KM~~ Terry Otto Title Supervisor
DEQ Representative(s) Present K Michele Fitcher Title Inspector

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? @ Courthouse ☒ ☐ ☐
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] ☒ ☐ ☐
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] ☒ ☐ ☐
 - a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] ☒ ☐ ☐
 - b) If so, what kind? ☒ ☐ ☐
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] ☒ ☐ ☐
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] ☒ ☐ ☐
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] ☒ ☐ ☐
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] ☒ ☐ ☐
8. Rodents and insects controlled? [ARM 17.50.510(7)] ☒ ☐ ☐
9. Blowing litter controlled? [ARM 17.50.510(6)] ☒ ☐ ☐
10. Access to site controlled? [ARM 17.50.510(4) and (5)] ☒ ☐ ☐
 - Sign(s) ☒ Gate(s) ☒ Fences(s) [ARM 17.50.511(1)(c)] ☒ Supervision ☒
 - (Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] ☒ ☐ ☐
12. Solid Waste Management facility equipment visible on-site? ☒ ☐ ☐
 - a) If so, what kind(s) ☒ ☐ ☐
13. Salvaging going on? [ARM 17.50.510(8)] ☐ ☐ ☐
 - a) Approved salvaging plan on-file with DEQ? ☐ ☐ ☐
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(o)] ☐ ☐ ☐

tonnage estimate

a) How often is volume measured? randomly selected + weighed

NOTES: _____

Page 1 of 1
Date: 10/10/2010
Time: 10:10:10
User: [illegible]
IP: [illegible]

UNITED STATES MANAGEMENT CORPORATION - ON-LINE REGISTRATION FORM
(Form 1000) - For the purpose of this form, the word "person" means an individual, partnership, corporation, or other legal entity.

Entity Name: United States Management Corporation
Entity Type: Corporation
Address: 1000 [illegible] [illegible]
City: [illegible]
State: [illegible]
Zip: [illegible]
Country: [illegible]
Tax ID: [illegible]
Registration Number: [illegible]
Registration Date: [illegible]
Registration Status: [illegible]

1. General Information and Background Information
2. Financial Information
3. Management Information
4. Compliance Information
5. Other Information
6. Declaration and Signature
7. Acknowledgment
8. Confirmation
9. Registration Fee
10. Registration Confirmation
11. Registration Confirmation
12. Registration Confirmation
13. Registration Confirmation
14. Registration Confirmation
15. Registration Confirmation
16. Registration Confirmation
17. Registration Confirmation
18. Registration Confirmation
19. Registration Confirmation
20. Registration Confirmation

21. Registration Confirmation
22. Registration Confirmation
23. Registration Confirmation
24. Registration Confirmation
25. Registration Confirmation
26. Registration Confirmation
27. Registration Confirmation
28. Registration Confirmation
29. Registration Confirmation
30. Registration Confirmation
31. Registration Confirmation
32. Registration Confirmation
33. Registration Confirmation
34. Registration Confirmation
35. Registration Confirmation
36. Registration Confirmation
37. Registration Confirmation
38. Registration Confirmation
39. Registration Confirmation
40. Registration Confirmation
41. Registration Confirmation
42. Registration Confirmation
43. Registration Confirmation
44. Registration Confirmation
45. Registration Confirmation
46. Registration Confirmation
47. Registration Confirmation
48. Registration Confirmation
49. Registration Confirmation
50. Registration Confirmation

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? _____
2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☐ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☐ N/A
3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☐ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☐ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☐ Yes ☐ No ☐ N/A
- a) How often? _____

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☐ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☐ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☐ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? [ARM 17.30.1301 et seq.] ☐ Yes ☐ No ☐ N/A

NOTES: remove trace amounts of litter

Barry Damschen Conducts sampling

Site Name: Unified # 389

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA – CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site. . . .

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(c) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes. . . .

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒ Yes ☐ No ☐ N/A
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ Yes ☐ No ☐ N/A
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☐ Yes ☐ No ☐ N/A
 - c) Are White Goods recycled? ☐ Yes ☐ No ☐ N/A
 - d) By whom? Tilmans (Havre) ☐ Yes ☐ No ☐ N/A
 - e) How often are they removed from site? 1-2 yrs ☐ Yes ☐ No ☐ N/A
2. Dead animals accepted? ☒ Yes ☐ No ☐ N/A
3. Is asbestos disposed on-site? ☐ Yes ☒ No ☐ N/A
 - a) If so, is there a special disposal area for it? ☐ Yes ☐ No ☐ N/A
 - b) Is a map available? ☐ Yes ☐ No ☐ N/A
 - c) Covered with at least six inches of soil? ☐ Yes ☐ No ☐ N/A
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 C.F.R. § 61.154(g)) ☐ Yes ☐ No ☐ N/A
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☐ Yes ☐ No ☐ N/A
4. Does the site landfarm contaminated soils? ☐ Yes ☐ No ☐ N/A
 - a) If so, is it part of the approved operations? ☐ Yes ☐ No ☐ N/A
 - b) Where is it located? ☐ Yes ☐ No ☐ N/A

NOTES: _____

I. Waste Reduction

Yes No N/A

1. Does the facility recycle? ☒ Yes ☐ No ☐ N/A
 - a) What is recycled?
 - Used Oil ☐ Yes ☐ No ☐ N/A
 - Aluminum Cans ☐ Yes ☐ No ☐ N/A
 - Steel Cans/Scrap Metal ☐ Yes ☐ No ☐ N/A
 - Glass ☐ Yes ☐ No ☐ N/A
 - Paper ☐ Yes ☐ No ☐ N/A
 - Batteries (Wet/Dry Cell) ☒ Yes ☐ No ☐ N/A
 - Newspaper ☐ Yes ☐ No ☐ N/A
 - Other tires ☐ Yes ☐ No ☐ N/A
 - b) What is the frequency of removal? ☐ Yes ☐ No ☐ N/A
 - c) Where are the recyclables taken? Batteries picked up by ~~Waste~~ ☐ Yes ☐ No ☐ N/A
2. Does the facility compost? ☐ Yes ☒ No ☐ N/A
 - a) What composting method is used? ☐ Yes ☐ No ☐ N/A
 - b) What is composted? ☐ Yes ☐ No ☐ N/A
 - c) What is the compost used for? ☐ Yes ☐ No ☐ N/A
 - d) Is it contaminated? ☐ Yes ☐ No ☐ N/A
3. Does the facility have a household hazardous waste collection area? ☐ Yes ☐ No ☐ N/A
 - a) If so, what is collected? ☐ Yes ☐ No ☐ N/A
 - b) How often is the material removed and who removes it? ☐ Yes ☐ No ☐ N/A
 - c) What is the final disposition of the collected material? ☐ Yes ☐ No ☐ N/A

NOTES: _____

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have weight/volume records on-site? ☐ Yes ☐ No ☐ N/A
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☐ Yes ☐ No ☐ N/A
 - a) If not, where are they? ☐ Yes ☐ No ☐ N/A
 - b) When were the wells last sampled? ☐ Yes ☐ No ☐ N/A
 - c) What was it sampled for? ☐ Yes ☐ No ☐ N/A

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

	Yes	No	N/A
3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)]			
a) Where are they located?			
b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)]			
4. Does the facility have on-site records of landfill gas monitoring ?			
5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)]			
a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)]			
b) Are records available for inspection? [40 C.F.R. § 61.154(i)]			
c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)]			
6. In regard to landfills , are waste shipment records maintained?			
a) Is the material typically analyzed?			
b) Are analytical results on file?			
c) What volume of soils are accepted annually?			
7. Are leachate analysis records stored on-site?			
a) If not, where?			
b) When was the last sampling event?			
c) What contaminate(s) is the leachate tested for?			
8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)]			
a) What are they?			
9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)]			
10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)]			
11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)]			
12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)]			
13. License issued? [ARM 17.50.410(1)]			
14. Fees paid? [ARM 17.50.410(1)(b)]			

NOTES: _____

	Yes	No	N/A
K. Additional Questions			
1. Does the MSWLF accept out-of-state wastes?			
a) If so, how much?			
2. Are the weight records up to date? [ARM 17.50.411(4)]			
3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)]			
4. Out-of-state waste received from:			

ADDITIONAL NOTES AND/OR COMMENTS: _____

→ Excellent Use of intermediate cover!

→ Excellent use of daily cover!

→ Good distribution & use of primary & secondary fencing.

Correspondence Slip

Project ID: _____

Requested: _____

Needed By: _____

Originator: _____

Org(s)/MailCode: _____

REVIEW
ROUTING

Name

Task

Initial/Date

PC

JH

RT

JPE, 7/28

JH, 7-28

RT, 7-28-05

JH, 8-01

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at

Proof Path: G:\WUT_____

Special Instructions:

inspection report

Mail copy of
enclosures

to CC's? Y N

Copies of enclosures

for file needed? Y N

Copy of letter for file

needed? Y N



Montana Department of
ENVIRONMENTAL QUALITY

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • Website: www.deq.state.mt.us

MAILED
5-8-02 Jh

#1899 K

May 8, 2002

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, Montana 59501-3923

RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL (Lic. No. 389) INSPECTION REPORT

Dear Clay:

On April 24, 2002, I inspected your facility for compliance with Montana laws and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection form for your files.

I was pleased to see that Terry had addressed my concerns regarding the battery recycling stockpile and white goods management, which we discussed during my inspection on October 30, 2001. I look forward to future meetings with Terry and yourself, and feel very positive about the current state of communication between the Solid Waste Management Program and the Unified Disposal District.

If you have any questions, comments, or if I can be of assistance, please do not hesitate to contact me at the Permitting and Compliance Division, Community Services Bureau, Solid Waste Management Program.

Sincerely,

George F. Scriba
Solid & Hazardous Waste Specialist
Solid Waste Regulatory Section
Telephone: (406) 444-1434; Facsimile: (406) 444-1374
E-mail: gscriba@state.mt.us

Encl: Copy of On-Site Observation Form
File: Lic. # 389 Hill/UnifiedDispDistrict/class II/Inspections
Path: G:\CSB\SW s\inspections\class II\hill\UnifiedDD_0402.doc

01/11/11

MAILED

FLORIDA DEPARTMENT OF ENVIRONMENTAL QUALITY



John M. Gorman, Governor

NO. 100-1000000 - HHS/MS, 100-1000000 - (407) 444-1374 - Fax: (407) 444-1374 - Website: www.dep.state.fl.us

NO. 100-1000000

Mr. Jay V. Jones
Florida Department of
Transportation
1100 South
New York Avenue
Tallahassee, Florida 32304

Subject: 100-1000000

RE: 100-1000000 DISTRICT CLASS II LANDFILL (100-1000000)

DATE: 10/11/11

FROM: 100-1000000

On April 14, 2011, I inspected your facility for compliance with Minimum Standards and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection report for your files.

I was pleased to see that your facility had addressed all of the deficiencies noted in the previous inspection. I was also pleased to see that your facility had implemented a solid waste management plan, which was approved during my inspection on October 10, 2010. I look forward to future inspections of your facility and your continued compliance with the rules and regulations of the Department of Environmental Quality.

If you have any questions, comments, or if you need assistance, please do not hesitate to contact me at the Permitting and Compliance Division, Community Services Bureau, Solid Waste Management Program.

100-1000000

George F. Smith
Solid & Hazardous Waste Specialist
Solid Waste Management Bureau
Tallahassee (407) 444-1374, Fax: (407) 444-1374
E-mail: gsmith@dep.state.fl.us

For a copy of the inspection report, please contact the Solid Waste Management Bureau at (407) 444-1374.

Date: 4/24/02
Time of Arrival: 0830
Time of Departure: 0930
Total Hours: 1

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II
Location 3/4 miles east of marker 392 on Hwy 2
Owner Hill, Blaine, Choteau, Counties Phone 265-5481
Address 315 4th St. City Havre, MT 59501
Operator _____ Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present Clay Vincent Title Sanitarian
Terry Otto Title Manager
DEQ Representative(s) Present George Scriba Title STW Spec
_____ Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Sanitarian's Office
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] X _____
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] X _____
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] X _____
b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] X _____
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] X _____
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] X _____
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] X _____
8. Rodents and insects controlled? [ARM 17.50.510(7)] X _____
9. Blowing litter controlled? [ARM 17.50.510(6)] X _____
10. Access to site controlled? [ARM 17.50.510(4) and (5)] X _____
Sign(s) X Gate(s) X Fences(s) [ARM 17.50.511(1)(c)] X Supervision X
(Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] X _____
12. Solid Waste Management facility equipment visible on-site? X _____
a) If so, what kind(s) Scrapers, 816, DG
13. Salvaging going on? [ARM 17.50.510(8)] _____ X _____
a) Approved salvaging plan on-file with DEQ? _____
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] Estimated _____ X

a) How often is volume measured? based on container size

NOTES: some thin cover

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? Collection Pond
2. How often is it sampled? 2 per year

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☒ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM 16.8.1107(1)(b)] 17.8.612(4)(b) ☒ Yes ☐ No ☐ N/A
3. Has burn pile been contaminated? [ARM 16.8.1107(1)(b)] 17.8.612(4)(b) ☒ Yes ☐ No ☐ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ Yes ☐ No ☐ N/A
- a) How often? once / week

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) ☒ Yes ☐ No ☐ N/A

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling Yes No N/A

1. White goods stored on-site? ☒ Yes ☐ No ☐ N/A
a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ Yes ☐ No ☐ N/A
b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒ Yes ☐ No ☐ N/A
c) Are White Goods recycled? ☒ Yes ☐ No ☐ N/A
d) By whom? ☐ Yes ☐ No ☐ N/A
e) How often are they removed from site? every other year
2. Dead animals accepted? ☒ Yes ☐ No ☐ N/A
3. Is asbestos disposed on-site? ☐ Yes ☒ No ☐ N/A
a) If so, is there a special disposal area for it? ☐ Yes ☒ No ☐ N/A
b) Is a map available? ☐ Yes ☒ No ☐ N/A
c) Covered with at least six inches of soil? ☐ Yes ☒ No ☐ N/A
d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)] ☐ Yes ☒ No ☐ N/A
e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☐ Yes ☒ No ☐ N/A
4. Does the site landfarm contaminated soils? ☒ Yes ☐ No ☐ N/A
a) If so, is it part of the approved operations? ☒ Yes ☐ No ☐ N/A
b) Where is it located? near class III

NOTES: _____

I. Waste Reduction Yes No N/A

1. Does the facility recycle? ☒ Yes ☐ No ☐ N/A
a) What is recycled? ☒ Yes ☐ No ☐ N/A
Used Oil ☒ Yes ☐ No ☐ N/A
Aluminum Cans ☒ Yes ☐ No ☐ N/A
Steel Cans/Scrap Metal ☒ Yes ☐ No ☐ N/A
Glass ☒ Yes ☐ No ☐ N/A
Paper ☒ Yes ☐ No ☐ N/A
Batteries (Wet/Dry Cell) ☒ Yes ☐ No ☐ N/A
Newspaper ☒ Yes ☐ No ☐ N/A
Other ☐ Yes ☐ No ☐ N/A
b) What is the frequency of removal? once / year
c) Where are the recyclables taken? _____
2. Does the facility compost? ☐ Yes ☒ No ☐ N/A
a) What composting method is used? _____
b) What is composted? _____
c) What is the compost used for? _____
d) Is it contaminated? _____
3. Does the facility have a household hazardous waste collection area? ☐ Yes ☒ No ☐ N/A
a) If so, what is collected? _____
b) How often is the material removed and who removes it? _____
c) What is the final disposition of the collected material? _____

NOTES: _____

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)] Yes No N/A

1. Does the MSWLF have weight/volume records on-site? ☐ Yes ☒ No ☐ N/A
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☐ Yes ☒ No ☐ N/A
a) If not, where are they? _____
b) When were the wells last sampled? _____
c) What was it sampled for? _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)] | ☒ | ☐ | ☐ |
| a) Where are they located? | | | |
| b) Any records of personnel training ? [ARM 17.50.511(1)(e)(iii)] | | ☒ | ☐ |
| 4. Does the facility have on-site records of landfill gas monitoring ? | | ☒ | ☐ |
| 5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)] | | ☒ | ☒ |
| a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)] | | ☒ | ☐ |
| b) Are records available for inspection? [40 C.F.R. § 61.154(i)] | | ☒ | ☐ |
| c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)] | | ☒ | ☐ |
| 6. In regard to landfills , are waste shipment records maintained? | ☒ | ☐ | ☐ |
| a) Is the material typically analyzed? | | ☒ | ☐ |
| b) Are analytical results on file? | | ☒ | ☐ |
| c) What volume of soils are accepted annually? | | ☒ | ☐ |
| 7. Are leachate analysis records stored on-site? | | ☒ | ☐ |
| a) If not, where? | | ☒ | ☐ |
| b) When was the last sampling event? | | ☒ | ☐ |
| c) What contaminate(s) is the leachate tested for? | | ☒ | ☐ |
| 8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)] | | ☒ | ☐ |
| a) What are they? | | ☒ | ☐ |
| 9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)] | ☒ | ☐ | ☐ |
| 10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)] | | ☒ | ☐ |
| 11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)] | | ☒ | ☐ |
| 12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)] | | ☒ | ☒ |
| 13. License issued? [ARM 17.50.410(1)] | ☒ | ☐ | ☐ |
| 14. Fees paid? [ARM 17.50.410(1)(b)] | ☒ | ☐ | ☐ |

NOTES: _____

K. Additional Questions

- | | Yes | No | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the MSWLF accept out-of-state wastes? | | ☒ | ☐ |
| a) If so, how much? | | ☒ | ☐ |
| 2. Are the weight records up to date? [ARM 17.50.411(4)] | | ☒ | ☐ |
| 3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)] | ☒ | ☐ | ☐ |
| 4. Out-of-state waste received from: _____ | | ☒ | ☐ |

ADDITIONAL NOTES AND/OR COMMENTS: _____

Everything looks good.

INITIALS

(G2)

DATE

5/6/02

SW OUTGOING CORRESPONDENCE 2001

☐ NEW APPLICATION/LICENSE

Initial / Date

Mike D.

Janet H.

HAC

Rick T.

Jon D./ Other

☐ HEALTH OFFICER CARD

Initial / Date

Mike D.

Karen

HAC

☒ INSPECTIONS

Initial / Date

~~Pat C.~~

Janet H.

Karen

Rick T.

JH 5-06-02

KH 5-9-02

RT 5-6-02

☐ CLOSURES

Initial / Date

Mike D.

Janet H.

Karen

HAC

Rick T./ Other

☐ FEES

Initial / Date

Mike D.

Janet H.

HAC

☐ COMPLAINTS

Initial / Date

Pat C.

Janet H.

Karen

☐ GROUND WATER

Initial / Date

Janet H.

Pat C

Rick T.

☐ GENERAL CORRESPONDENCE

Initial / Date

Pat C. / Mike D.

Janet H.

Rick T.

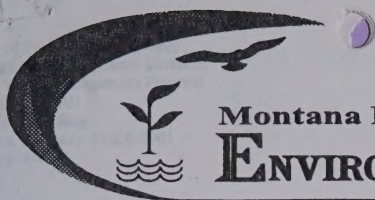
Jon D./ Other

☐ MISCELLANEOUS

Initial / Date

FILE

Path



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
11-13-01 *JS*

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

November 12, 2001

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, Montana 59501-3923

**RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL (Lic. No. 389)
INSPECTION REPORT**

Dear Mr. Vincent:

On October 30, 2001, I inspected your facility for compliance with Montana laws and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection form for your files.

I enjoyed meeting with Mr. Otto and you, and appreciated both of you taking time out of your schedules to provide me with a tour of the facility and discussing its operations. I was impressed with the management and concerted efforts being performed there. During my inspection Mr. Otto and I discussed the management of white goods, specifically door and lid locks. Enclosed you will find a handout titled "Offenses Against Public Order". Paragraph 45-8-113 (a) details the management of white goods' door and lid locks needed based on specific criteria. I hope this helps answer any questions regarding this issue. If you would pass the handout on to Mr. Otto, I would appreciate it.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Community Services Bureau, Waste Management Section: Phone (406) 444-1434, email gscriba@state.mt.us or FAX (406) 444-1374.

Sincerely,

George F. Scriba
Solid & Hazardous Waste Specialist
Solid Waste Regulatory Program

Encl: Copy of On-Site Observation Form, Informational Handout
File: Lic. # 389 Hill County/site/class II/Inspections
Path: G:\CSB\S w s\inspections\class II\hill\UnifiedDD_1101.doc

MAILED

U.S. DEPARTMENT OF
ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

U.S. DEPARTMENT OF ENVIRONMENTAL QUALITY

Date: 10/30/01

Time of Arrival: 3:30

Time of Departure: 4:30

Total Hours: 1

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM

(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal Dist. Class II License No. 389
Solid Waste Management Site/System Description Class II
Location 3/4 miles east of marker 392 on Hwy 2
Owner Hill Blaine, Chouteau Counties Phone 265-5481
Address 315 4th St. City Harre, MT 59501
Operator _____ Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present Clay Vincent Title Sanitarian
Terry Otto Title Manager/Spinson
DEQ Representative(s) Present George Scriba Title SWR
_____ Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

- | | | | |
|--|----------|----------|--|
| 1. Operational Records located where? <u>in office</u> | <u>X</u> | | |
| 2. Dumping confined to a manageable area? [ARM 17.50.510(4)] | <u>X</u> | | |
| 3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] | <u>X</u> | | |
| a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] | | <u>X</u> | |
| b) If so, what kind? | | | |
| 4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] | <u>X</u> | | |
| 5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] | <u>X</u> | | |
| 6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] <u>needs some attention</u> | <u>X</u> | | |
| 7. Final cover on filled areas? [ARM 17.50.530(1)(a)] | <u>X</u> | | |
| 8. Rodents and insects controlled? [ARM 17.50.510(7)] | <u>X</u> | | |
| 9. Blowing litter controlled? [ARM 17.50.510(6)] | <u>X</u> | | |
| 10. Access to site controlled? [ARM 17.50.510(4) and (5)] | <u>X</u> | | |
| Sign(s) <u>X</u> Gate(s) <u>X</u> Fences(s) [ARM 17.50.511(1)(c)] <u>X</u> Supervision <u>X</u> | <u>X</u> | | |
| (Check all that apply) | | | |
| 11. Approach road properly maintained? [ARM 17.50.505(1)(b)] | <u>X</u> | | |
| 12. Solid Waste Management facility equipment visible on-site? | <u>X</u> | | |
| a) If so, what kind(s) <u>816 DG, 627 Scraper, 963 loader, 140 generator</u> | | | |
| 13. Salvaging going on? [ARM 17.50.510(8)] | | <u>X</u> | |
| a) Approved salvaging plan on-file with DEQ? | | | |
| 14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] <u>est. volume</u> | | | |

a) How often is volume measured? based on container size @ front

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Environmental Quality
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] X
2. Are the wells locked? [ARM 17.50.707(8)] X

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? Not precip.

2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] _____
2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] _____
3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] _____
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] _____
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] _____
- a) How often? _____

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] X
2. Department checks conducted on wells? _____
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] X
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] X
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) X

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site. . . .

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes. . . .

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. White goods stored on-site? | ☒ | ☐ | ☐ |
| a) If so, has CFC removal been documented? (Clean Air Act of November 1990) | ☒ | ☐ | ☐ |
| b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) | ☒ | ☐ | ☐ |
| c) Are White Goods recycled? | ☒ | ☐ | ☐ |
| d) By whom? <u>Pacific</u> | | | |
| e) How often are they removed from site? <u>every 1 1/2</u> | | | |
| 2. Dead animals accepted? | ☒ | ☐ | ☐ |
| 3. Is asbestos disposed on-site? | ☒ | ☐ | ☐ |
| a) If so, is there a special disposal area for it? | ☒ | ☒ | ☐ |
| b) Is a map available? | ☒ | ☐ | ☒ |
| c) Covered with at least six inches of soil? | ☒ | ☐ | ☒ |
| d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)] | ☒ | ☐ | ☒ |
| e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? | ☒ | ☐ | ☒ |
| 4. Does the site <u>landfarm contaminated soils</u> ? | ☒ | ☐ | ☐ |
| a) If so, is it part of the approved operations? | ☒ | ☐ | ☐ |
| b) Where is it located? | | | |

NOTES: _____

I. Waste Reduction

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the facility <u>recycle</u> ? | ☒ | ☐ | ☐ |
| a) What is recycled? | | | |
| Used Oil | ☒ | ☐ | ☐ |
| Aluminum Cans | ☒ | ☒ | ☐ |
| Steel Cans/Scrap Metal | ☒ | ☐ | ☐ |
| Glass | ☒ | ☒ | ☐ |
| Paper | ☒ | ☒ | ☐ |
| Batteries (Wet/Dry Cell) <u>Put on crates</u> | ☒ | ☒ | ☐ |
| Newspaper | ☒ | ☒ | ☐ |
| Other | | | |
| b) What is the frequency of removal? <u>yearly</u> | | | |
| c) Where are the recyclables taken? <u>K-mart, NAPA</u> | | | |
| 2. Does the facility <u>compost</u> ? | ☒ | ☐ | ☐ |
| a) What composting method is used? | | | |
| b) What is composted? | | | |
| c) What is the compost used for? | | | |
| d) Is it contaminated? | | | |
| 3. Does the facility have a household hazardous waste collection area? | ☒ | ☐ | ☐ |
| a) If so, what is collected? <u>yes</u> | | | |
| b) How often is the material removed and who removes it? <u>Put at landfarm section</u> | | | |
| c) What is the final disposition of the collected material? | | | |

NOTES: _____

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

- | | Yes | No | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Does the MSWLF have <u>weight/volume</u> records on-site? | ☒ | ☐ | ☐ |
| 2. Are <u>ground water monitoring</u> records on-site? [ARM 17.50.709(4)] | ☒ | ☐ | ☐ |
| a) If not, where are they? | | | |
| b) When were the wells last sampled? <u>2 weeks ago</u> | | | |
| c) What was it sampled for? <u>methane, leachate, etc.</u> | | | |

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

	Yes	No	N/A
3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)]		☒	
a) Where are they located?			
b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)]			
4. Does the facility have on-site records of landfill gas monitoring ?	☒		
5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)]			☒
a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)]			
b) Are records available for inspection? [40 C.F.R. § 61.154(i)]			
c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)]			
6. In regard to landfills , are waste shipment records maintained?	☒		
a) Is the material typically analyzed?	☒		
b) Are analytical results on file?	☒		
c) What volume of soils are accepted annually? <u>N/A</u>			
7. Are leachate analysis records stored on-site?	☒		
a) If not, where?			
b) When was the last sampling event?			
c) What contaminate(s) is the leachate tested for? <u>N/A -> NO H₂O</u>			
8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)]	☒		
a) What are they?			
9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)]			☒
10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)]	☒		
11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)]	☒		
12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)]			☒
13. License issued? [ARM 17.50.410(1)]			
14. Fees paid? [ARM 17.50.410(1)(b)]			

NOTES: _____

K. Additional Questions

	Yes	No	N/A
1. Does the MSWLF accept out-of-state wastes?		☒	
a) If so, how much?			
2. Are the weight records up to date? [ARM 17.50.411(4)]	☒		☒
3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)]			☒
4. Out-of-state waste received from: _____			

ADDITIONAL NOTES AND/OR COMMENTS: _____

Place batteries on crates @ recycling,
Attention to intermediate cover needed.
Management of facility looks good.

(d) any combination of the above.

History: En. 94-8-107 by Sec. 1, Ch. 513, L. 1973; amd. Sec. 30, Ch. 359, L. 1977; R.C.M. 1947, 94-8-107(5).

Cross-References

Nuisance, Title 27, ch. 30.

Premises defined, 45-2-101.

Public nuisance, 45-8-111.

Conditions of bail — violation thereof,
46-9-501 through 46-9-505.

45-8-113. Creating a hazard. (1) A person commits the offense of creating a hazard if he knowingly:

(a) discards in any place where it might attract children a container having a compartment of more than 1 ½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

(b) being the owner or otherwise having possession of property upon which there is a well, cistern, cesspool, mine shaft, or other hole of a depth of 4 feet or more and a top width of 12 inches or more, fails to cover or fence it with a suitable protective construction;

(c) tampers with an aircraft without the consent of the owner;

(d) being the owner or otherwise having possession of property upon which there is a steam engine or steam boiler, continues to use a steam engine or steam boiler which is in an unsafe condition;

(e) being a person in the act of game hunting, acts in a negligent manner or knowingly fails to give all reasonable assistance to any person whom he has injured; or

(f) deposits any hard substance upon or between any railroad tracks which will tend to derail railroad cars or other vehicles.

(2) A person convicted of the offense of creating a hazard shall be fined not to exceed \$500 or imprisoned in the county jail for a term not to exceed 6 months, or both.

History: En. 94-8-108 by Sec. 1, Ch. 513, L. 1973; amd. Sec. 31, Ch. 359, L. 1977; R.C.M. 1947, 94-8-108.

Cross-References

Knowingly defined, 45-2-101.

Negligently defined, 45-2-101.

Possession defined, 45-2-101.

Tamper defined, 45-2-101.

Criminal responsibility of corporations,
45-2-311.

Assault — negligently causing bodily injury to
another, 45-5-201.

45-8-114. Failure to yield party line. (1) Any person who fails to relinquish a telephone party line or public pay telephone after he has been requested to do so to permit another to place an emergency call to a fire department or police department or for medical aid or ambulance service shall be imprisoned for a term not to exceed 10 days or fined not to exceed \$25, or both.

(2) It is a defense to prosecution under subsection (1) that the accused did not know or did not have reason to know of the emergency in question or that the accused was himself using the telephone party line or public pay telephone for such an emergency call.

(3) Any person who requests another to relinquish a telephone party line or public pay telephone on the pretext that he must place an emergency call, knowing such pretext to be false, shall be imprisoned for a term not to exceed 10 days or fined not to exceed \$25, or both.

(d) any combination of the above.
History: Sec. 24-1-107 by Sec. 1, Ch. 212, L. 1975 and Sec. 26, Ch. 226, L. 1977, R.C.M.
1977, 42-8-107(2).

Cross-References:
Mischief, 42-8-107, 42-8-108.
Provision defined, 42-8-101.
Public nuisance, 42-8-111.
Conditions of bail - violation thereof,
42-8-101 through 42-8-105.

42-8-113. Creating a hazard. (1) A person commits the offense of creating a hazard if he knowingly:

(a) demands to any place where it might attract children a container having a compartment of more than 1 1/2 cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

(b) being the owner or otherwise having possession of property upon which there is a well, cistern, cesspool, manhole, or other hole of a depth of 4 feet or more and a top which is 12 inches or more in diameter or lacks a suitable protective construction;

(c) tampering with an aircraft without the consent of the owner;

(d) being the owner or otherwise having possession of property upon which there is a steam engine or steam boiler, continuing to use a steam engine or steam boiler which is in an unsafe condition;

(e) being a person in the act of game hunting, acts in a negligent manner or knowingly fails to give all reasonable assistance to any person whom he has injured or

(f) deposits any hard substance upon or between any railroad tracks which will lead to derail railroad cars or other vehicles.

(2) A person convicted of the offense of creating a hazard shall be fined not to exceed \$500 or imprisoned in the county jail for a term not to exceed 6 months or both.

History: Sec. 24-1-107 by Sec. 1, Ch. 212, L. 1975 and Sec. 26, Ch. 226, L. 1977, R.C.M.
1977, 42-8-107.

Cross-References:
Mischief, 42-8-107, 42-8-108.
Provision defined, 42-8-101.
Public nuisance, 42-8-111.
Conditions of bail - violation thereof,
42-8-101 through 42-8-105.

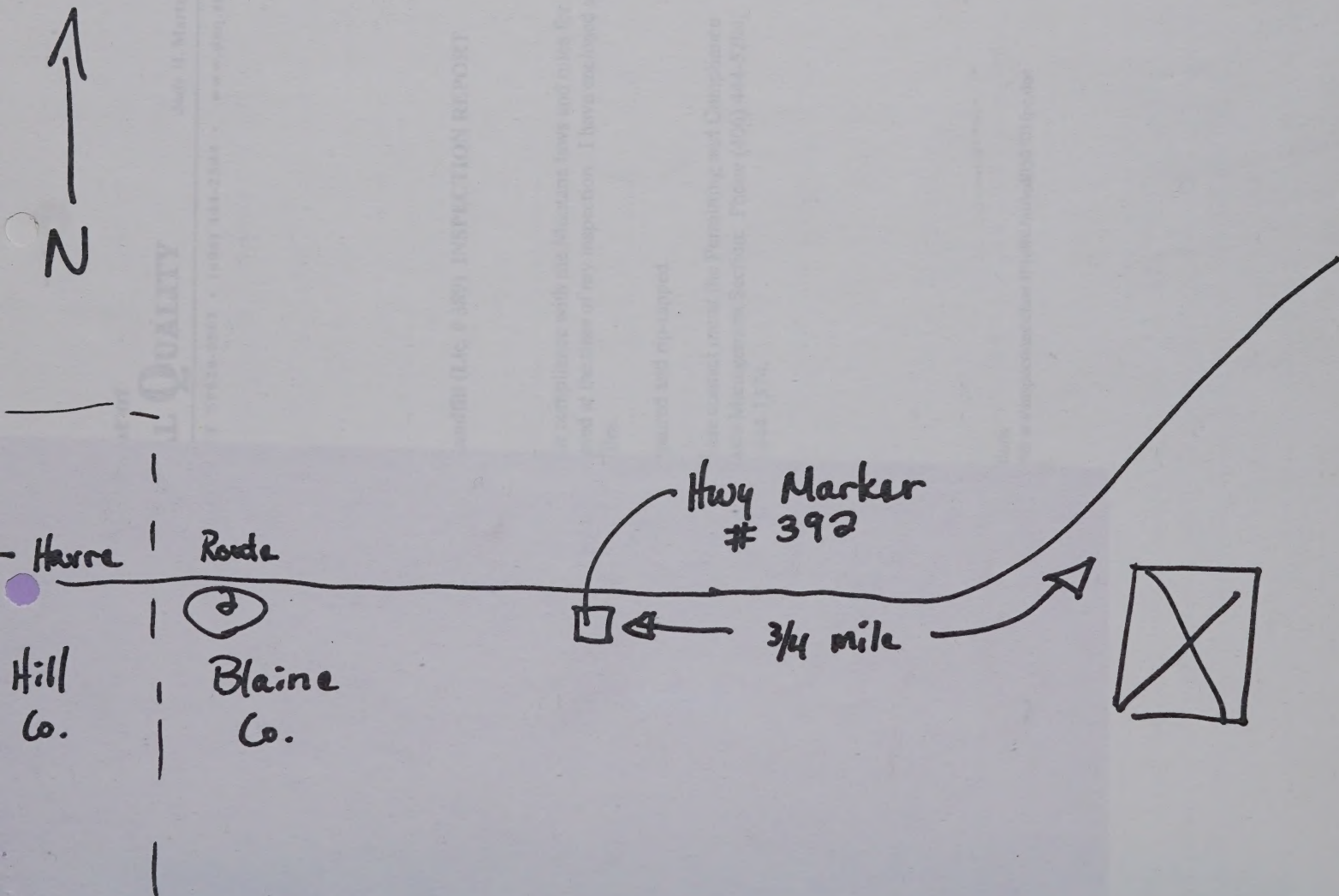
42-8-114. Failure to yield party line. (1) Any person who fails to relinquish a telephone party line or public pay telephone after he has been requested to do so or permits another to place an emergency call to a fire department or police department or to medical aid or ambulance service shall be imprisoned for a term not to exceed 10 days or fined not to exceed \$25 or both.

(2) It is a defense to prosecution under subsection (1) that the accused did not know or did not have reason to know of the emergency in question or that the accused was himself using the telephone party line or public pay telephone for such an emergency call.

(3) Any person who requests another to relinquish a telephone party line or public pay telephone on the pretext that he must place an emergency call knowing such pretext to be false, shall be imprisoned for a term not to exceed 10 days or fined not to exceed \$25 or both.

Unified Disposal Dist. - C-II

Lic # 389



INITIALS

GS

DATE

11/8/01SW OUTGOING CORRESPONDENCE 2001☐ NEW APPLICATION/LICENSE

Initial / Date

Mike D.

Janet H.

HAC

Rick T.

Jon D./ Other

☐ HEALTH OFFICER CARD

Initial / Date

Mike D.

Karen

HAC

☒ INSPECTIONS

Initial / Date

Pat C.

Janet H.

Karen

Rick T.

FPC 11/09/01
KH 11-29-01
RT 11-13-01
RT 11-9-01

☐ CLOSURES

Initial / Date

Mike D.

Janet H.

Karen

HAC

Rick T./ Other

☐ FEES

Initial / Date

Mike D.

Janet H.

HAC

☐ COMPLAINTS

Initial / Date

Pat C.

Janet H.

Karen

☐ GROUND WATER

Initial / Date

Janet H.

Pat C.

Rick T.

☐ GENERAL CORRESPONDENCE

Initial / Date

Pat C. / Mike D.

Janet H.

Rick T.

Jon D./ Other

☐ MISCELLANEOUS

Initial / Date

FILE

Path



Montana Department of
ENVIRONMENTAL QUALITY

Judy H. Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

May 17, 2001

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, MT 59501-3923

RE: Unified Disposal District Class II Landfill (Lic. # 389) INSPECTION REPORT

Dear Clay :

On May 7, 2001, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection form for your files.

I also noted that the final cover had been repaired and rip-rapped.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Community Services Bureau, Waste Management Section: Phone (406) 444-5294, email pcrowley@state.mt.us or FAX (406) 444-1374.

Sincerely,

F. Patrick Crowley
Program Manager
Solid Waste Regulatory Program

Encl: Copy of On-Site Observation Form

File: Lic. # 389 Hill Co/Unified/class II/Inspections

Path: \\DEQ_MET_PRI\SHR\UNITSHAR\CSB\S w s\inspections\class II\hill\Unified050701fpc.doc

QUALITY

100% Satisfaction Guarantee • 24-Hour Customer Support • Free Shipping • 1-800-444-5555 • 1-800-444-5555 • 1-800-444-5555

INSPECTION REPORT

The following information was obtained from the inspection of the above-named property. The inspection was conducted on the date indicated below. The inspection was conducted by the following person(s): [Name]. The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards].

The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards].

The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards].

The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards]. The inspection was conducted in accordance with the following standards: [Standards].

Date: 5/2/01

Time of Arrival: 12:00

Time of Departure: _____

Total Hours: _____

#1799

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM

(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District Landfill License No. 389
Solid Waste Management Site/System Description Class II
Location 10 mi E of Havre
Owner Unified District - Clay Vincent, R.S. Phone _____
Address 315 4th ST City Havre, MT 59501-
Operator Same Phone 3923
Address _____ City _____, MT _____
Landfill Representative(s) Present Perry Title _____
DEQ Representative(s) Present F.P. Crawley Title SW Reg. P.M.

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Hill Co. Sanatorium, Havre
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] ✓
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] ✓
 - a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] ✓
 - b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] ✓
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] ✓
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] ✓
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] ✓
8. Rodents and insects controlled? [ARM 17.50.510(7)] ✓
9. Blowing litter controlled? [ARM 17.50.510(6)] ✓
10. Access to site controlled? [ARM 17.50.510(4) and (5)] ✓
Sign(s) ✓ Gate(s) ✓ Fences(s) [ARM 17.50.511(1)(c)] ✓ Supervision ✓
(Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] ✓
12. Solid Waste Management facility equipment visible on-site?
 - a) If so, what kind(s) 916, 963 Dozer, 627 Scraper, D6, Vans, Truck
13. Salvaging going on? [ARM 17.50.510(8)] ✓
 - a) Approved salvaging plan on-file with DEQ? _____
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] Volume load, est.

a) How often is volume measured? _____

NOTES: Looking good, Gallies repaired in final cover.
Faces re-graded after winter. Fence cleanup in progress. No litter outside I.F. boundary.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? NA.
2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☒ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☐ N/A
3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☐ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☐ Yes ☐ No ☐ N/A
- a) How often? _____

NOTES: All examine each load.**F. Landfill Gas Monitoring**

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) ☒ Yes ☐ No ☐ N/A

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒
 - c) Are White Goods recycled? ☒
 - d) By whom? Rosen Bros/ Pacific
 - e) How often are they removed from site? As Needed.
2. Dead animals accepted? ☒
3. Is asbestos disposed on-site? ☒
 - a) If so, is there a special disposal area for it? ☒
 - b) Is a map available? ☒
 - c) Covered with at least six inches of soil? ☒
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)] ☒
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☒
4. Does the site landfarm contaminated soils? ☒
 - a) If so, is it part of the approved operations? ☒
 - b) Where is it located? By cells.

NOTES:

I. Waste Reduction

Yes No N/A

1. Does the facility recycle? ☒
 - a) What is recycled?
 - Used Oil ☒
 - Aluminum Cans ☒
 - Steel Cans/Scrap Metal ☒
 - Glass ☒
 - Paper ☒
 - Batteries (Wet/Dry Cell) ☒
 - Newspaper ☒
 - Other ☒
 - b) What is the frequency of removal? ☒
 - c) Where are the recyclables taken? ☒
2. Does the facility compost? ☒
 - a) What composting method is used? ☒
 - b) What is composted? ☒
 - c) What is the compost used for? ☒
 - d) Is it contaminated? ☒
3. Does the facility have a household hazardous waste collection area? ☒
 - a) If so, what is collected? ☒
 - b) How often is the material removed and who removes it? ☒
 - c) What is the final disposition of the collected material? ☒

NOTES:

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have weight/volume records on-site? ☒
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☒
 - a) If not, where are they? ☒
 - b) When were the wells last sampled? ☒
 - c) What was it sampled for? ☒

at Clay's office

AND TSPD

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Records of any inspections;
(iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
(ii) Inspection records, training procedures, and notification procedures required under this subchapter;
(iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
(iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
(v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
(vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
(vii) Any cost estimates and financial assurance documentation required by this subchapter;
(viii) Any information demonstrating compliance with and approval of the small community exemption; and
(ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
(2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
(3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . . .
(4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

- NOTES: _____

Yes No N/A

- ADDITIONAL NOTES AND/OR COMMENTS:

INITIALS

FPL

DATE

5/17/01

SW OUTGOING CORRESPONDENCE

2001

☐ NEW APPLICATION/LICENSE

Initial / Date

Mike D.

Janet H.

HAC

Rick T.

Jon D./ Other

☐ HEALTH OFFICER CARD

Initial / Date

Mike D.

Karen

HAC

☒ INSPECTIONS

Initial / Date

Pat C.

Janet H.

Karen

Rick T.

FPL 5/17/01
JH 05-17-01
RT 5-24-01
RT 5-11-01

after waiting

☐ CLOSURES

Initial / Date

Mike D.

Janet H.

Karen

HAC

Rick T./ Other

☐ FEES

Initial / Date

Mike D.

Janet H.

HAC

☐ COMPLAINTS

Initial / Date

Pat C.

Janet H.

Karen

☐ GROUND WATER

Initial / Date

Janet H.

Pat C

Rick T.

☐ GENERAL CORRESPONDENCE

Initial / Date

Pat C. / Mike D.

Janet H.

Rick T.

Jon D./ Other

☐ MISCELLANEOUS

Initial / Date

FILE

Path



Montana Department of
ENVIRONMENTAL QUALITY

1733
MAILED

11/3/00

Hill Co.
Marc Racicot, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • E-mail: www.deq.state.mt.us

November 2, 2000

Mr. Clay Vincent
Unified Disposal District
315 Fourth Street
Havre, MT 59501-3923

RE: North Central Class II Landfill (Lic. # 389) INSPECTION REPORT

Dear Clay,

On May 19, 2000, I inspected your facility for compliance with the Montana laws and rules for solid waste disposal. No violations were noted at the time of my inspection. I have enclosed a copy of my field inspection form for your files. Improvements were noted in the litter control and cover at the landfill.

If you have any questions or comments, please contact me at the Permitting and Compliance Division, Community Services Bureau, Waste Management Section: Phone (406) 444-5294, email pcrowley@state.mt.us or FAX (406) 444-1374.

Sincerely,

F. Patrick Crowley
Program Manager
Solid Waste Regulatory Program

Encl: Copy of On-Site Observation Form
File: Lic. # 389/Hill County/Unified/Class II/Inspections
Path: G:\CSB\S w s\inspections\class II\hill\Havre051900.doc

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name North Central Landfill License No. _____
Solid Waste Management Site/System Description Class II
Location 8 mi E of Havre
Owner Unified Refuse District Phone _____
Address _____ City _____, MT _____
Operator Same Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present _____ Title _____
DEQ Representative(s) Present Pat Crowley Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements		Yes	No	N/A
1. Operational Records located where?				
2. Dumping confined to a manageable area? [ARM 17.50.510(4)]				
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)]		☒		
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)]		☒		
b) If so, what kind?				
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)]		☒		
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)]		☒		
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)]		☒		
7. Final cover on filled areas? [ARM 17.50.530(1)(a)]		☒		
8. Rodents and insects controlled? [ARM 17.50.510(7)]		☒		
9. Blowing litter controlled? [ARM 17.50.510(6)]		☒		
10. Access to site controlled? [ARM 17.50.510(4) and (5)]		☒		
Sign(s) ☒ Gate(s) ☒ Fences(s) ☒ Supervision ☒				
(Choose all that apply)				
11. Approach road properly maintained? [ARM 17.50.505(1)(b)]		☒		
12. Solid Waste Management facility equipment visible on-site?		☒		
a) If so, what kind(s) <u>Some old compactors & track loader</u>				
13. Salvaging going on? [ARM 17.50.510(8)]		☒		
a) Approved salvaging plan on-file with DEQ?		☒		
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)]				
<u>Load estimates</u>				

a) How often is volume measured? _____
NOTES: Better litter control, better cover this time.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Environmental Quality
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? NA

2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☒ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM 16.8.1307(1)(b)] 17.8.612(4)(b) ☒ Yes ☐ No ☐ N/A
3. Has burn pile been contaminated? [ARM 16.8.1307(1)(b)] 17.8.612(4)(b) ☒ Yes ☐ No ☐ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ Yes ☐ No ☐ N/A
- a) How often? _____

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) ☒ Yes ☐ No ☐ N/A

NOTES: 1 inch of rain this week, Ponds look good.No discharge needed.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site. . . .

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes. . . .

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒
 - c) Are White Goods recycled? ☒
 - d) By whom? Paulin
 - e) How often are they removed from site? _____
2. Dead animals accepted? ☒
3. Is asbestos disposed on-site? ☒
 - a) If so, is there a special disposal area for it? _____
 - b) Is a map available? _____
 - c) Covered with at least six inches of soil? _____
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)] _____
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? _____
4. Does the site landfarm contaminated soils? ☒
 - a) If so, is it part of the approved operations? _____
 - b) Where is it located? _____

NOTES: _____

I. Waste Reduction

Yes No N/A

1. Does the facility recycle? ☒
 - a) What is recycled? _____
 - Used Oil _____
 - Aluminum Cans _____
 - Steel Cans/Scrap Metal ☒
 - Glass _____
 - Paper _____
 - Batteries (Wet/Dry Cell) _____
 - Newspaper _____
 - Other _____
 - b) What is the frequency of removal? As needed
 - c) Where are the recyclables taken? _____
2. Does the facility compost? ☒
 - a) What composting method is used? _____
 - b) What is composted? _____
 - c) What is the compost used for? _____
 - d) Is it contaminated? _____
3. Does the facility have a household hazardous waste collection area? ☒
 - a) If so, what is collected? _____
 - b) How often is the material removed and who removes it? _____
 - c) What is the final disposition of the collected material? _____

NOTES: _____

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have weight/volume records on-site? Clay Variant office
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☒
 - a) If not, where are they? _____
 - b) When were the wells last sampled? _____
 - c) What was it sampled for? Table 1

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

Yes No N/A

- ADDITIONAL NOTES AND/OR COMMENTS: _____

INITIALS _____ DATE _____
SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP

☐ **NEW APPLICATION**

Mike D.
HAC
Christy
Rick T.
Jon D./ Other

Initial / Date

☐ **NEW LICENSE**

Mike D.
HAC
Karen
Christy
Rick T. / Other

Initial / Date

☐ **HEALTH OFFICER CARD**

Mike D.
Karen
Christy

Initial / Date

☒ **INSPECTIONS**

Pat C.
HAC
Karen
Rick T.

Initial / Date

~~HAC~~ 11/2/00
~~HAC~~
RT 11-2-00

☐ **INTERIM CLOSURES**

Mike D.
HAC
Karen
Christy
Rick T./ Other

Initial / Date

☐ **CLOSURES**

Mike D.
HAC
Karen
Christy
Rick T./ Other

Initial / Date

☐ **CHANGE IN LICENSE
FOR FEE STATUS**

Mike D.
HAC
Christy

Initial / Date

☐ **COMPLAINTS**

Pat C.
HAC
Karen

Initial / Date

☐ **GROUND WATER**

HAC
Pat C

Initial / Date

☐ **GENERAL CORRESPONDENCE**

Pat C./ Mike D.
HAC
Rick T.
Jon D./ Other

Initial / Date

☐ **MISCELLANEOUS**

Initial / Date

FILE

Path



Montana Department of
ENVIRONMENTAL QUALITY

Marc Racicot, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • E-mail: www.deq.state.mt.us

February 23, 2000

Clay Vincent, County Sanitarian
Unified Disposal District
315 4th Street
Havre, MT 59501-3923

Dear Clay,

On February 8, 2000, I inspected the Unified Disposal Class II Landfill for compliance with the rules and regulations governing solid waste disposal in Montana. Enclosed you will find a copy of the on-site observation report.

I noticed no violations at the time of my inspection. The litter control fences were working well and I noticed no litter outside the facility boundary. The tire pile was recently covered and the wet weather area was well covered and ready for spring. The eroded cover had been repaired and riprapped. The stormwater ponds were drawn down. The working face was appropriately sized and sloped to minimize runoff. Given the dry weather so far, it will be interesting to see what growth occurs on the final cover this spring. Hopefully it will be sufficient to control erosion of the cover. I anticipate another inspection in early summer and will contact you to schedule my visit.

Thank you for your cooperation in this matter. If you have any questions about this report, please feel free to contact me. My direct phone line is 406-444-5294 and my email address is pcrowley@state.mt.us.

Sincerely,

F. Patrick Crowley
Solid Waste Regulatory Program Manager
Community Services Bureau
Permitting and Compliance Division

File: Unified Disposal/inspection
Path: G:/CSB/SWS/Inspections/Class II/Unified/02082000

MAILED
2/23/00

Date: 2/8/00

Time of Arrival: 1:45 p

Time of Departure: 2:45 p

Total Hours: _____

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal Landfill License No. _____
Solid Waste Management Site/System Description Class II Landfill
Location East of Helena
Owner Unified District Phone _____
Address _____ City _____, MT _____
Operator Sam Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present _____ Title _____
DEQ Representative(s) Present Pat Crowley Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Co. San Antonio
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] ☒
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] ☒
 - a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] ☒
 - b) If so, what kind? (Times)
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] ☒
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] ☒
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] ☒
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] ☒
8. Rodents and insects controlled? [ARM 17.50.510(7)] ☒
9. Blowing litter controlled? [ARM 17.50.510(6)] ☒
10. Access to site controlled? [ARM 17.50.510(4) and (5)] ☒
 - Sign(s) ☒ Gate(s) ☒ Fences(s) [ARM 17.50.511(1)(c)] ☒ Supervision ☒
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] ☒
12. Solid Waste Management facility equipment visible on-site?
 - a) If so, what kind(s) Frontal loader, 816F, D6
13. Salvaging going on? [ARM 17.50.510(8)] ☒
 - a) Approved salvaging plan on-file with DEQ?
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] Est by Truck load.

a) How often is volume measured? _____

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: _____

C. Leachate Collection Requirements

1. What happens to the leachate? _____

2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☒ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☒ N/A
3. Has burn pile been contaminated? [ARM ~~16.8.1307(1)(b)~~ 17.8.612(4)(b)] ☐ Yes ☐ No ☒ N/A
- a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ Yes ☐ No ☐ N/A
- a) How often? _____

NOTES: _____

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.) ☒ Yes ☐ No ☐ N/A

NOTES: _____

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site?
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990)
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA)
 - c) Are White Goods recycled?
 - d) By whom?
 - e) How often are they removed from site?
2. Dead animals accepted?
3. Is asbestos disposed on-site?
 - a) If so, is there a special disposal area for it?
 - b) Is a map available?
 - c) Covered with at least six inches of soil?
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)]
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property?
4. Does the site landfarm contaminated soils?
 - a) If so, is it part of the approved operations?
 - b) Where is it located?

NOTES:

I. Waste Reduction

Yes No N/A

1. Does the facility recycle?
 - a) What is recycled?
 - Used Oil
 - Aluminum Cans
 - Steel Cans/Scrap Metal
 - Glass
 - Paper
 - Batteries (Wet/Dry Cell)
 - Newspaper
 - Other
 - b) What is the frequency of removal?
 - c) Where are the recyclables taken?
2. Does the facility compost?
 - a) What composting method is used?
 - b) What is composted?
 - c) What is the compost used for?
 - d) Is it contaminated?
3. Does the facility have a household hazardous waste collection area?
 - a) If so, what is collected?
 - b) How often is the material removed and who removes it?
 - c) What is the final disposition of the collected material?

NOTES:

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have weight/volume records on-site?
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)]
 - a) If not, where are they?
 - b) When were the wells last sampled?
 - c) What was it sampled for?

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

Yes No N/A

3. Does the MSWLF have records of **HW screenings**? [ARM 17.50.511(1)(e)(ii)]
 a) Where are they located? Ca. San.
 b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)]
4. Does the facility have on-site records of **landfill gas monitoring**? Ca.
5. Are **asbestos** waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)]
 a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)]
 b) Are records available for inspection? [40 C.F.R. § 61.154(i)]
 c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)]
6. In regard to **landfills**, are waste shipment records maintained?
 a) Is the material typically analyzed?
 b) Are analytical results on file?
 c) What volume of soils are accepted annually?
7. Are **leachate** analysis records stored on-site?
 a) If not, where?
 b) When was the last sampling event?
 c) What contaminate(s) is the leachate tested for?
8. Any **location restriction** documents? [ARM 17.50.511(1)(p)(i)]
 a) What are they?

Yes No N/A

9. Any MSWLF unit design documentation for the construction or placement of **leachate or gas condensate**? [ARM 17.50.511(1)(p)(iv)]
10. **Closure and Post-closure care** information on-site? [ARM 17.50.511(1)(p)(vi)] Ca. San.
11. **Cost estimates or financial assurance** documents on-site? [ARM 17.50.511(1)(p)(vii)]
12. Any information demonstrating compliance with **small community exemption**? [ARM 17.50.511(1)(p)(viii)]
13. License issued? [ARM 17.50.410(1)]
14. Fees paid? [ARM 17.50.410(1)(b)]

NOTES:

K. Additional Questions

1. Does the MSWLF accept out-of-state wastes?
 a) If so, how much?
2. Are the weight records up to date? [ARM 17.50.411(4)]
3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)]
4. Out-of-state waste received from:

ADDITIONAL NOTES AND/OR COMMENTS:

Looking good. Wind fences working well. No litter outside of facility fences. Day was windy!

Facility will need to carefully think about sequencing when filling moves to west of current area.

Wet weather area well covered. Tires well covered.

Tat

INITIALS PC DATE 2/18/00
SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP

☐ **NEW APPLICATION** Initial / Date
 Mike D. _____
 HAC _____
 Christy _____
 Rick T. _____
 Jon D./ Other _____

☐ **NEW LICENSE** Initial / Date
 Mike D. _____
 HAC _____
 Karen _____
 Christy _____
 Rick T. / Other _____

☐ **HEALTH OFFICER CARD** Initial / Date
 Mike D. _____
 Karen _____
 Christy _____

☒ **INSPECTIONS** Initial / Date
 Pat C. _____
 HAC HAC 2/22/00
 Karen _____
 Rick T. RT 0-02-00

☐ **INTERIM CLOSURES** Initial / Date
 Mike D. _____
 HAC _____
 Karen _____
 Christy _____
 Rick T./ Other _____

☐ **CLOSURES** Initial / Date
 Mike D. _____
 HAC _____
 Karen _____
 Christy _____
 Rick T./ Other _____

☐ **CHANGE IN LICENSE FOR FEE STATUS** Initial / Date
 Mike D. _____
 HAC _____
 Christy _____

☐ **COMPLAINTS** Initial / Date
 Pat C. _____
 HAC _____
 Karen _____

☐ **GROUND WATER** Initial / Date
 HAC _____
 Pat C _____

☐ **GENERAL CORRESPONDENCE** Initial / Date
 Pat C./ Mike D. _____
 HAC _____
 Rick T. _____
 Jon D./ Other _____

☐ **MISCELLANEOUS** Initial / Date

FILE
Path

County Hill
 Facility & # unified #389
 Closure _____
 Finan Assur _____
 GW Corr Meas _____
 GW Monitoring _____
 GW Reports _____
 Inspections _____
 Other: _____

Landfarm
 Liner
 Methane
 O & M
 Run - On



Montana Department of
ENVIRONMENTAL QUALITY

Marc Racicot, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • E-mail: www.deq.state.mt.us

October 26, 1999

Clay Vincent
Unified Disposal District Landfill
315 4th Street
Havre, MT 59501-3923

MAILED
10/27/99

Dear Clay,

Thank you for a most interesting and constructive visit to the Havre Landfill. As we both agreed at the time, your storm water problems can be corrected with some minor operational and drainage changes, and your litter problems helped greatly by changing your fill sequence in your next area. I have enclosed the sketches I promised you. I hope they are self explanatory. I am sorry it has taken so long to get this out to you. I apologize for the delay.

In the course of my compliance assistance inspection on August 26, 1999, I noted the following at the landfill:

1. Runoff from the facility that contains only sediment (storm water) should be kept separate from water that contains dissolved, suspended, or miscible material from the waste (i.e. leachate), or water that has contacted the waste material (i.e. process wastewater).
2. Waste concrete may be used for rip rap in steep areas inside the licensed area.
3. Sediment ponds should be periodically cleaned to keep them at design capacity. This material can be used for cover at the landfill.
4. Storm water ponds should be pumped or drawn down after storm events if the 25-year, 24-hour capacity is no longer available.
5. If storm water ponds are to be discharged to a coulee or other waters of the State, a MPDES permit is required.
6. If the stormwater is used on-site for irrigation or dust control, a discharge permit is not needed. This is the preferred method at landfills.
7. Litter control can be helped by the placement of wastes in the lee of the working face, rather than the windward side.

ENVIRONMENTAL QUALITY

State of New Jersey

Department of Environmental Protection • P.O. Box 287 • Trenton, NJ 08646-0287 • E-mail: www.dep.state.nj.us

MAILED

11/23/99

Dear Mr. [Name]:

On [Date], I received your letter regarding the [Project Name] project. As we have agreed, I am enclosing the [Document Name] for your review. I have also enclosed a copy of the [Document Name] for your information. I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

I am sure that you will find this information helpful in your review of the project.

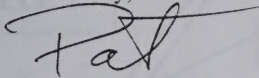
8. The wet weather area at the landfill often needs attention when it dries out. It is difficult to get wet gumbo to spread evenly. Perhaps a soil stockpile in this area might help.

9. Soil stockpiles can be used to provide wind shelter and will help compact the refuse under them.

10. Intermediate cover can be stripped prior to the next waste placement in an area. It can then be reused as daily cover.

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. We would rather provide assistance than do enforcement. Thank you for your cooperation in this matter. If I can be of further help on any of these items, please feel free to contact me. I will be glad to come up early in the spring for another visit and continue our discussion about sequencing. We also need to develop a plan to get some grass growing on the closed slope of the landfill. My direct phone line is 406-444-5294 and my email address is pcrowley@state.mt.us.

Sincerely,



F. Patrick Crowley
Solid Waste Regulatory Program Manager
Community Services Bureau
Permitting and Compliance Division

Enclosures: Landfill drawings (2).

cc: Damschen-Entranco

File: Unified landfill inspections

Path: G:/CSB/SWS/Inspections/Class II/Unified899 FPC.doc

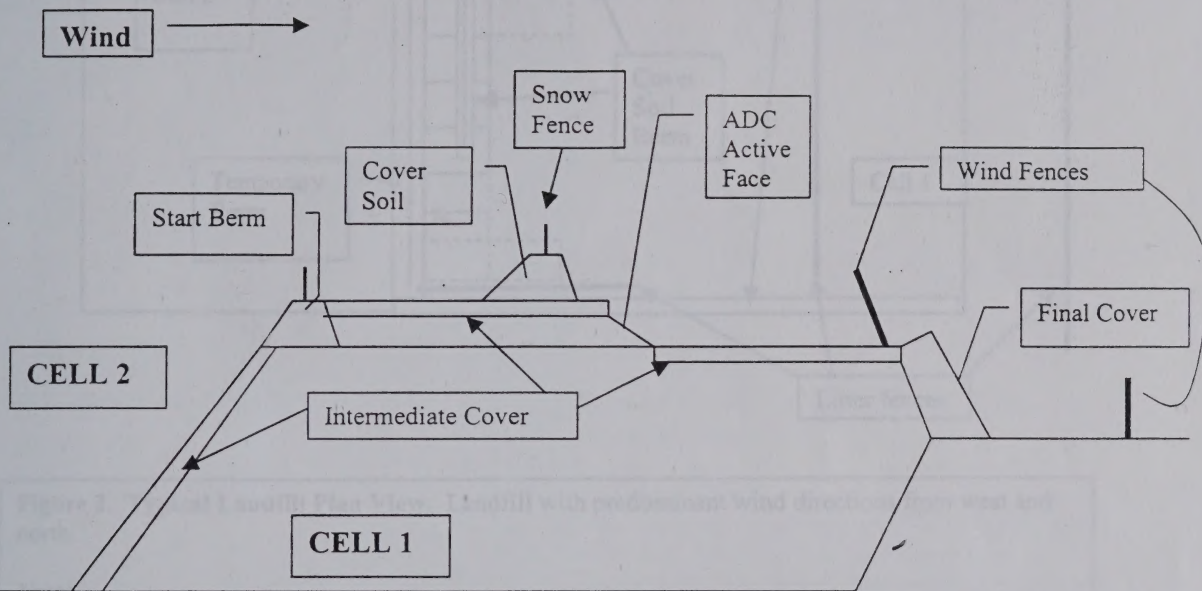


Figure 1. Typical Landfill Cross Section. Not to scale. Wind from West.

Notes:

- 1) Remove intermediate cover at start of shift and use for daily cover.
- 2) Remove Start Berm when Cell 2 reaches correct elevation and use for cover.
- 3) Plastic snow fences catch litter if wind shifts.

by: F. P. Crowley 10/99

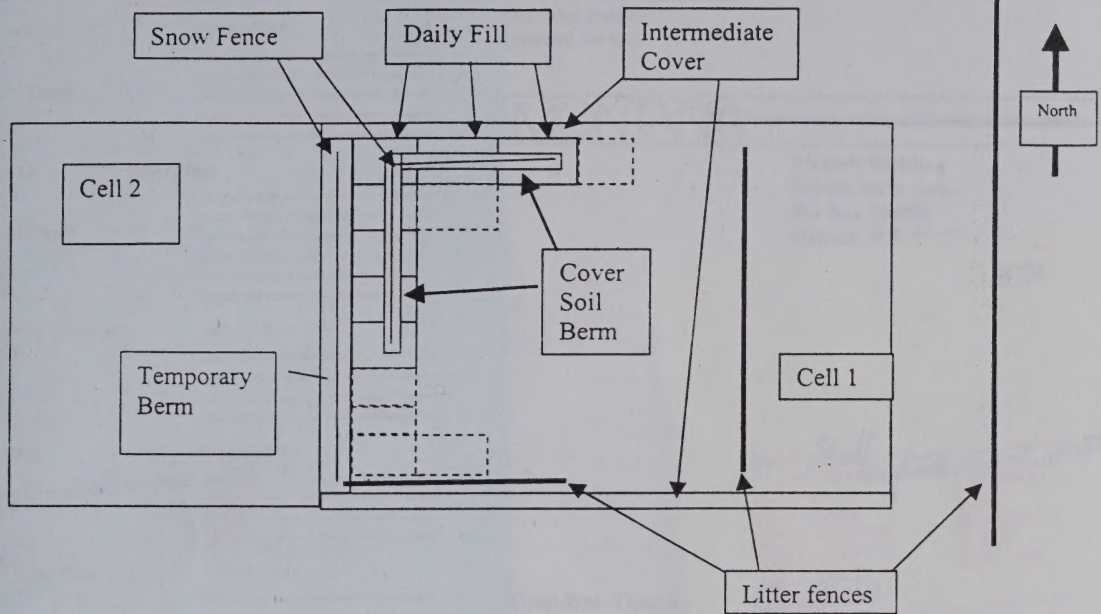


Figure 2. Typical Landfill Plan View. Landfill with predominant wind directions from west and north.

Notes:

- 1) Use Temporary Berm as cover when Cell 2 reaches proper height.
- 2) Cover Soil Berm used as needed and replaced as fill progresses.
- 3) Fill on North side on calmer days with wind from West.
- 4) Intermediate cover applied on North and South sides as needed.
- 5) Enter Cell 1 on North or East side.
- 6) Snow fence on top of Cover Soil Berm. Temporary and easily movable.
- 7) Fill direction of Cell 2 first lift is not critical, since it is in a hole.
- 8) Change fill sequencing if wind is from different directions.

by: F. P. Crowley 10/99

SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP (ONLY)

☐ **NEW APPLICATION** Initial / Date
 Rick T. _____
 Pat C. _____
 Nancy (Proof) _____
 Cathy _____
 Jon D. _____

☐ **NEW LICENSE** Initial / Date
 Rick T. _____
 Pat C. _____
 Nancy (Proof) _____
 Carol _____
 Cathy _____
 Jon D. _____

☐ **HEALTH OFFICER CARD** Initial / Date
 Rick T. _____
 Carol _____
 Cathy _____

☒ **INSPECTIONS** Initial / Date
 Pat C. _____
 Nancy (Proof) Haberman 8/19/99
 Carol H 8/20/99
 Rick T. 8/20/99

☐ **INTERIM CLOSURES** Initial / Date
 Rick T. _____
 Pat C. _____
 Nancy (Proof) _____
 Carol _____
 Cathy _____
 Jon D. _____

☐ **CLOSURES** Initial / Date
 Rick T. _____
 Pat C. _____
 Nancy (Proof) _____
 Carol _____
 Cathy _____
 Jon D. _____

☐ **CHANGE IN LICENSE FOR FEE STATUS** Initial / Date
 Rick T. _____
 Pat C. _____
 Nancy (Proof) _____
 Cathy _____

☐ **COMPLAINTS** Initial / Date
 Pat C. _____
 Nancy (Proof) _____
 Carol (filing & DBase) _____

☐ **GROUND WATER** Initial / Date
 Nancy (Proof) _____
 Pat C. _____

☐ **GENERAL CORRESPONDENCE** Initial / Date
 Pat C. / Rick T. _____
 Nancy (Proof) _____
 Jon D. (As Needed) _____
 Mark Steger Smith (As Needed) _____

☐ **MISCELLANEOUS** Initial / Date

☐ **FILE** _____

2/9/99

County Will
 Facility & # Unified District #389
 Closure _____
 Finan Assur _____
 GW Corr Meas _____
 GW Monitoring _____
 GW Reports _____
Inspections _____
 Other: _____

Landfarm
 Liner
 Methane
 O & M
 Run - On

DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING & COMPLIANCE DIVISION

Community Services Bureau
Waste Management Section

MARC RACICOT, GOVERNOR



STATE OF MONTANA

Phone: (406) 444-4400
Fax: (406) 444-1374

Metcalf Building
1520 E Sixth Ave
PO Box 200901
Helena, MT 59620-0901

August 20, 1999

Mr. Clay Vincent, R.S.,
Unified Disposal District Class II Landfill,
315 4th Street,
Havre MT 59501

Dear Mr. Vincent,

On June 11, 1999, I inspected the Unified Disposal District Class II Landfill facility for compliance with the rules and regulations governing solid waste disposal in Montana.

According to ARM 17.50.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. Enclosed you will find a copy of the on-site observation report and the official inspection report. The latter report was based on the on-site observation report taken at the time of inspection, and subsequent investigation of your discharge permit status and runoff control plans.

The official inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Burn Pile Management Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Comments". Those sections in which no violations or comments were noted have not been included in this inspection report. Under the appropriate category, I have quoted the rule or regulation which was violated and provided an explanation of the specific problem.

I was unable to locate any documentation of a discharge permit for the Havre landfill. You must stop discharging to the coulee from the pond and update your Operations and Maintenance Plan to include the following components of a stormwater pollution prevention plan:

1. A plan for minimizing commingling of runoff that touches garbage at the working face (i.e. leachate) with clean runoff in the stormwater pond.
2. A plan for sampling ponds to evaluate effects of commingling during storm events and leachate control measures.

STATE OF MONTANA

Montana Building
1520 E. State Ave.
PO Box 100001
Helena, MT 59610-0001



The following information is provided for your information. The information is provided for your information. The information is provided for your information.

The following information is provided for your information. The information is provided for your information. The information is provided for your information.

The following information is provided for your information. The information is provided for your information. The information is provided for your information.

The following information is provided for your information. The information is provided for your information. The information is provided for your information.

The following information is provided for your information. The information is provided for your information. The information is provided for your information.

The following information is provided for your information. The information is provided for your information. The information is provided for your information.

3. A plan for lowering the level of the pond (possibly contaminated) to avoid imminent seasonal discharge during thunderstorm events due to inadequate capacity. Ponds should also be lined if ever contaminated with any leachate.
4. A plan for maintenance of daily and intermediate covers to minimize erosion and reduce contact of runoff with exposed refuse.
5. A plan to minimize sedimentation of the ponds by the implementation of appropriate best management practices for sediment control.

Such plans must include procedures and schedules for adequate and regular implementation to demonstrate effective control of leachate commingling, sediment, and pond discharge. I am enclosing a copy of the Montana Sediment and Erosion Control Manual for use in designing the required plans.

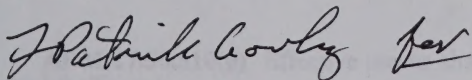
Major violations need to be corrected immediately. If left uncorrected, these problems may result in future action by the Montana Department of Environmental Quality. Minor violations need prompt attention to prevent them from becoming major violations. All violations noted in the enclosed inspection report have to be corrected in order to bring your operation into compliance. Compliance deadlines are specified under each section as needed. Material discussed under "Comments" are only suggestions or observations, and are not requirements of State rules and regulations.

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. Due to the seriousness of the violations at this site, the Program may recommend enforcement actions if the proper plans are not promptly submitted and put into practice.

A follow up inspection of the facility to provide compliance assistance will be conducted at the site by Pat Crowley, Solid Waste Regulatory Program Manager, on Thursday, August 26, 1999. He will contact you earlier in the week with his travel schedule.

Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,



Tim Stepp
Solid Waste Regulatory Program

cc: Damschen & Associates, P.O. Box 4817, Helena MT 59604

Encl: Inspection Report, Copy of On-Site Observation Form (Mr. Vincent only), Erosion Control Manual (Mr. Vincent only)

File: **Lic. #389**/Hill County/Unified Disposal District Landfill/Inspections

Path: F:\USR\cb0144\inspections\classI\hill\havre 0699.doc

3. A plan for lowering the level of the pond (or other containment) to avoid imminent release of discharge during high water events to independent agencies. Ponds should also be lined if ever contaminated with any liquids.

4. A plan for maintenance of daily and immediate reports to minimize erosion and reduce amount of runoff with exposed bottom.

5. A plan to maintain a record of the ponds by the implementation of appropriate management practices for sediment control.

Such plans must include procedures and schedules for adequate and regular implementation to demonstrate effective control of leachate containing sediment and pond discharge. I am enclosing a copy of the Montana Sediment and Erosion Control Manual for use in designing the required plans.

When violations need to be corrected immediately, it is recommended that problems may result in future action by the Montana Department of Environmental Quality. When violations occur, each person notified to correct them must be given a written report. All violations noted in the next inspection report have to be corrected in order to bring your operation into compliance. Compliance deadlines are specified under each section as needed. Minor violations under "Comments" are only suggestions of observations, and are not requirements of this rule and regulations.

The purpose of carrying out inspection is to ensure human health and the environment by ensuring compliance with State rules and regulations. Due to the seriousness of the violations at the site, the Department may recommend enforcement action if the person does not promptly correct them and pay the penalty.

A follow up inspection of the facility to ensure compliance with rules is required in the next 60 days. To be sure, please inform the Montana Department of Environmental Quality (1500) you will comply with the rules with the next schedule.

Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,

Michael J. Kelly

Mr. Kelly

John W. Kelly, Director

cc: Brandon A. Anderson, P.O. Box 1417, Helena MT 59604
Belt, Inspector, Copy to the Site Observation Form (Mt. Vernon only), Epsilon
Control Manual (Mt. Vernon only)
P.O. Box 1417, Helena MT 59604
P.O. Box 1417, Helena MT 59604

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 7/20/98)

Site Name: Unified Disposal District Class II Landfill

License #: 389

Date of Inspection: 6\11\99

Persons Present: Tim Stepp, Gene Stinson

Applicable Acronyms

ARM = Administrative Rules of Montana

CFR = Code of Federal Regulations

Department = Montana Department Environmental Quality

MCA = Montana Code Annotated

MSWLF = Municipal solid waste landfill

MSWMA = Montana Solid Waste Management Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

ARM 17.50.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order (for the complete law, please refer to the Montana Solid Waste Management Act).

General Operational and Maintenance Requirements

Major Violations: ARM 17.50.511(1)(a) Failure to maintain intermediate cover.

Minor Violations: ARM 17.50.510(6) Failure to control blowing litter.

ARM 17.50.511(1)(a) ... Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials.

Deep and extensive erosion of intermediate cover by runoff on west end of old footprint locally exposes refuse. Need to maintain cover and rip-rap west diversion ditch to west pond.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Blowing litter on site. Blowing litter must be controlled by smaller active face, cover, and pickers. Need to use vacuum truck more often.

Run-off/Leachate Control Requirements

Major Violations: ARM 17.50.505 (2)(a) Failure to confine leachate to the property. ARM 17.50.511(1)(i) Discharge of pollutants without a MPDES permit.

ARM 17.50.505(2)(a) Facilities licensed and operated as Class II landfills must confine solid waste and leachate to the disposal facility, unless department approval is obtained for treatment at another facility. If there is a potential for leachate migration, it must be demonstrated to the satisfaction of the department that leachate will only migrate to underlying formations which have no hydraulic continuity with any state waters according to the criteria specified in ARM 17.50.506.

ARM 17.50.510(1)(i) Class II disposal units may not:

(i) cause a discharge of pollutants into waters of the United States, including wetlands, that violates any requirements of the federal Clean Water Act, including, but not limited to, the national pollutant discharge elimination system (NPDES) requirements, pursuant to section 402 or the Montana pollutant discharge elimination system (MPDES) requirements found in ARM 17.30.1301, et seq.;

Runoff that contacts refuse (i.e. leachate) is commingling with clean runoff in the detention pond, which is then discharged without permit to the coulee in order to offset inadequate pond capacity. Such discharge must stop immediately, and leachate-contaminated runoff must be adequately controlled, monitored, and disposed of properly.

Date: 6/14/99

Time of Arrival: 3:45 pm

Time of Departure: 5 pm

Total Hours: 1:15

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name City of Havre License No. 389
Solid Waste Management Site/System Description CLASS II
Location _____
Owner Unified Disposal Phone _____
Address _____ City _____, MT _____
Operator Unified Disposal Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present Gene Stinson Title Operator
(Terry Otto left at 3:00) Title _____
DEQ Representative(s) Present Tim Shapp Title Specialist
Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? Co. Courthouse
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] X
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] X
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] X
b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] X
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] X
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] X
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] X
8. Rodents and insects controlled? [ARM 17.50.510(7)] X
9. Blowing litter controlled? [ARM 17.50.510(6)] X see below
10. Access to site controlled? [ARM 17.50.510(4) and (5)] X
Sign(s) X Gate(s) X Fences(s) X Supervision X
(Check all that apply) nobody at shop/gate
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] X
12. Solid Waste Management facility equipment visible on-site? X
a) If so, what kind(s) 916F, 963 crawler, 627B scraper, PL
13. Salvaging going on? [ARM 17.50.520(8)] X
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(o)] X

loads counted

a) How often is volume measured? number of containers

NOTES: Operating face a bit large (1 operator driving truck today)
could be covered better, thus smaller face

Have 2 new vacuum for litter, need to use more often.
Some contam in class III, metal, tar shingles, little garbage.

Poor wet weather access, may have dumped outside active permit area?

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

A1

A

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)]

X

2. Are the wells locked? [ARM 17.50.707(8)]

X

NOTES: No Migration not approved.
Doesn't require leachate requirements

C. Leachate Collection Requirements

Yes No N/A

1. What happens to the leachate? Need plan to control commingling during storm runoff.

2. How often is it sampled?

NOTES: Sample ponds before discharge / during storms.

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)]

X

2. Has an Air Quality Bureau permit been issued? [ARM 16.8.1307(1)(b)] 17.8.612(4)(b)

3. Has burn pile been contaminated? [ARM 16.8.1307(1)(b)] 17.8.612(4)(b)

a) If so, with what?

NOTES:

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)]

2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)]

X

a) How often? weekly

NOTES: Didn't see records this time.

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)]

X

2. Department checks conducted on wells?

a) Results? quarterly samples Damocles

NOTES: Didn't see records this time.

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)]

X

2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)]

X

3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? (ARM 17.30.1301 et seq.)

X

NOTES: photo 12 N litter in E detention pond / Need to maintain runoff ditches photo 11 S litter in E runoff ditch / Rip-Rap W ditch prevent erosion of intermed. cover. quit discharge to culver.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system.

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site?
a) If so, has CFC removal been documented? (Clean Air Act of November 1990)
b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) *not 2H*
c) Are White Goods recycled?
d) By whom?
e) How often are they removed from site? *yearly as needed*
2. Dead animals accepted?
3. Is asbestos disposed on-site?
a) If so, is there a special disposal area for it?
b) Is a map available?
c) Covered with at least six inches of soil?
d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? [40 C.F.R. § 61.154(g)]
e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property?
4. Does the site landfarm contaminated soils?
a) If so, is it part of the approved operations?
b) Where is it located?

NOTES :

CFCs removed from fridges yearly. Didn't see records this time.

I. Waste Reduction

Yes No N/A

1. Does the facility recycle?
- a) What is recycled?
- Used Oil
- Aluminum Cans & Scrap
- ~~Steel Cans~~/Scrap Metal a little.
- Glass
- Paper
- Batteries (Wet/Dry Cell)
- Newspaper
- Other
- b) What is the frequency of removal? _____
- c) Where are the recyclables taken? _____
2. Does the facility compost?
- a) What composting method is used? _____
- b) What is composted? _____
- c) What is the compost used for? _____
- d) Is it contaminated? _____
3. Does the facility have a household hazardous waste collection area? _____
- a) If so, what is collected? _____
- b) How often is the material removed and who removes it? _____
- c) What is the final disposition of the collected material? N/A

NOTES:

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)]

Yes No N/A

1. Does the MSWLF have **weight/volume** records on-site?
2. Are **ground water monitoring** records on-site? [ARM 17.50.709(4)]
 - a) If not, where are they? _____
 - b) When were the wells last sampled? _____
 - c) What was it sampled for? _____

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

3. Does the MSWLF have records of **HW screenings**? [ARM 17.50.511(1)(e)(ii)]
- a) Where are they located?
- b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)]
4. Does the facility have on-site records of **landfill gas monitoring**?
5. Are **asbestos** waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)]
- a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)]
- b) Are records available for inspection? [40 C.F.R. § 61.154(i)]
- c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)]
6. In regard to **landfills**, are waste shipment records maintained?
- a) Is the material typically analyzed?
- b) Are analytical results on file?
- c) What volume of soils are accepted annually?
7. Are **leachate** analysis records stored on-site?
- a) If not, where?
- b) When was the last sampling event?
- c) What contaminate(s) is the leachate tested for?
8. Any **location restriction** documents? [ARM 17.50.511(1)(p)(i)]
- a) What are they?
9. Any MSWLF unit design documentation for the construction or placement of **leachate or gas condensate**? [ARM 17.50.511(1)(p)(iv)]
10. **Closure and Post-closure** care information on-site? [ARM 17.50.511(1)(p)(vi)]
11. **Cost estimates or financial assurance** documents on-site? [ARM 17.50.511(1)(p)(vii)]
12. Any information demonstrating compliance with **small community exemption**? [ARM 17.50.511(1)(p)(viii)]
13. License issued? [ARM 17.50.410(1)]
14. Fees paid? [ARM 17.50.410(1)(b)]

NOTES:

K. Additional Questions

Yes No N/A

1. Does the MSWLF accept out-of-state wastes?
- a) If so, how much?
2. Are the weight records up to date? [ARM 17.50.411(4)]
3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)]
4. Out-of-state waste received from:

ADDITIONAL NOTES AND/OR COMMENTS:

Manager not at site during visit and I couldn't reach Mr. Vincent at courthouse before visit. Thus no records could be checked and should be checked thoroughly next inspection.

Storm water discharged to cooler from unlined ponds without proper discharge permit. Must stop.

Raining, so leachate visible on cover around face; uncontrolled comingling with runoff. Need plan.

Deep erosion of interlined cover on old footprint on W end.

SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP (ONLY)

☐ **NEW APPLICATION**

Initial / Date

Rick T.
Pat C.
Nancy (Proof)
Cathy
Jon D.

☐ **NEW LICENSE**

Initial / Date

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

☐ **HEALTH OFFICER CARD**

Initial / Date

Rick T.
Carol
Cathy

☐ **INSPECTIONS**

Initial / Date

Pat C.
Nancy (Proof)
Carol
Jon D.

☐ **INTERIM CLOSURES**

Initial / Date

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

☐ **CLOSURES**

Initial / Date

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

☐ **CHANGE IN LICENSE
FOR FEE STATUS**

Initial / Date

Rick T.
Pat C.
Nancy (Proof)
Cathy

☐ **COMPLAINTS**

Initial / Date

Pat C.
Nancy (Proof)
Carol (filing & DBase)

☐ **GROUND WATER**

Initial / Date

Nancy (Proof)
Pat C

☒ **GENERAL CORRESPONDENCE**

Initial / Date

Pat C. / Rick T.
Nancy (Proof)
Jon D. (As Needed)
Mark Steger Smith (As Needed)

☐ **MISCELLANEOUS**

Initial / Date

☐ **FILE**

MAILED
1/15/99 ND

County Hill
Facility & # Uniquel 389
Closure
Finan Assur
GW Corr Meas
GW Monitoring
GW Reports
Inspections
Other:

Landfarm
Liner
Methane
O & M
Run - On

X

Pat C. / Rick T.
Nancy (Proof)
Jon D. (As Needed)
Mark Steger Smith (As Needed)

☐ **MISCELLANEOUS**

☐ **FILE**

DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING & COMPLIANCE DIVISION

Community Services Bureau
Waste Management Section

MARC RACICOT, GOVERNOR



STATE OF MONTANA

Phone: (406) 444-4400
Fax: (406) 444-1374

Metcalf Building
1520 E Sixth Ave
PO Box 200901
Helena, MT 59620-0901

January 14, 1999

Unified Disposal District
Clay Vincent
315 4th Street
Havre, MT 59501

Dear Mr. Vincent:

The Department has reviewed your January 12, 1999, correspondence responding to the December 23, 1998, Violation Letter. At this time, your proposed solutions have met, within reason, our expectation that the Unified Disposal District Class II Landfill will come into compliance in the future. These areas of concern for your landfill will be scrutinized at the time of the next inspection.

Thank you for your prompt response in this matter. If I can be of any assistance to you, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Andrea G. Vickory".

Andrea G. Vickory
Solid and Hazardous Waste Specialist

Unified Disposal Board

Hill County Courthouse • Havre, Montana 59501 • (406) 265-5481 ext. 66

January 12, 1999

RECEIVED

JAN 13 1999

Dept. of Environmental Quality
Mr. Andrea Vickory
Permitting & Compliance
Metcalf Building
P.O. Box 200901
Helena, MT 59620-0901

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

Dear Mr. Vickory,

I have received your letter dated December 23, and will try to respond to some of your concerns.

The Unified Disposal landfill has been in this location for more than 15 years and we deal with many problems on a daily basis. Litter is one of these problems.

During your first inspection, you failed to mention that we had an employee picking litter off fences during your visit. We have an employee throughout the summer picking up litter both at the landfill and at our container sites. We built a series of fences near our landfill, to catch and hold litter until it can be rebagged and buried.

Before, during, and after your first visit we had high winds each day which can easily fill one of our fences within an hours time. We do not consider litter within our large fence to be a problem because it takes heavy equipment to accumulate it into a pile so it can be buried. Fences beyond the large fence are picked on a regular basis so that litter does not get off our property.

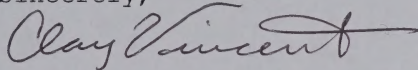
We have been looking into purchasing a vacuum machine out of Canada which will help collect this litter. It is currently on order.

Your second violation refers to non-class III waste currently located in our class III site. We have and will continue to monitor this site and will try to remove as many non-class III waste as we can.

We are also planning to have at least one if not more employees at the Great Falls Training course.

If you have any additional comments or questions, please feel free to contact my office.

Sincerely,

A handwritten signature in cursive script that reads "Clay Vincent". The signature is fluid and elegant, with a long horizontal flourish extending from the end of the name.

Clay Vincent, U.D.B.

cc: Blaine County Commissioners
Hill County Commissioners
Chouteau County Commissioners

SENDER:

- I also wish to receive the following services (for an extra fee):
- ☐ Addressee's Address
 - ☐ Restricted Delivery
- Consult postmaster for fee.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

UNIFIED DISPOSAL DISTRICT
CLAY VINCENT
315 4TH ST
HAVRE MT 59501

5. Received By: (Print Name)

Rick T. Vincent
X

6. Signature: (Addressee or Agent)

Rick T. Vincent
X

PS Form 3811, December 1994

102595-97-5-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

4a. Article Number

Z 202 185 132

4b. Service Type

- ☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

1-12-99
8. Addressee's Address (Only if requested and fee is paid)

Z 202 185 132



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

PS Form 3800, March 1993

Sent to UNIFIED DISPOSAL DIST
CLAY VINCENT

Street and No.
315 4TH ST

P.O., State and ZIP Code
HAVRE MT 59501

Postage

\$

Certified Fee

\$

Special Delivery Fee

\$

Restricted Delivery Fee

\$

Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom, Date, and Addressee's Address

TOTAL Postage & Fees

\$

Postmark or Date

JAN 11, 1999

INITIALS *AC* DATE *12/23/98*

SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP (ONLY)

☐ NEW APPLICATION

Rick T.
Pat C.
Nancy (Proof)
Cathy
Jon D.

Initial / Date

☐ NEW LICENSE

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

Initial / Date

☐ HEALTH OFFICER CARD

Rick T.
Carol
Cathy

Initial / Date

☒ INSPECTIONS

Pat C.
Nancy (Proof)
Carol
~~Jon D.~~

Initial / Date

SPC 1/11/99
12/23/98
CU 1-18-99

☐ INTERIM CLOSURES

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

Initial / Date

☐ CLOSURES

Rick T.
Pat C.
Nancy (Proof)
Carol
Cathy
Jon D.

Initial / Date

☐ CHANGE IN LICENSE FOR FEE STATUS

Rick T.
Pat C.
Nancy (Proof)
Cathy

Initial / Date

☐ COMPLAINTS

Pat C.
Nancy (Proof)
Carol (filing & DBase)

Initial / Date

☐ GROUND WATER

Nancy (Proof)
Pat C

Initial / Date

☐ GENERAL CORRESPONDENCE

Pat C. / Rick T.
Nancy (Proof)
Jon D. (As Needed)
Mark Steger Smith (As Needed)

Initial / Date

☐ MISCELLANEOUS

Initial / Date

☐ FILE

FAUSR/CB5453/WP/FORMS/ROUTE.SW

MAILED
1/11/99

Is your RETURN ADDRESS completed on the reverse side?

DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING & COMPLIANCE DIVISION

Community Services Bureau
Waste Management Section

MARC RACICOT, GOVERNOR



STATE OF MONTANA

Phone: (406) 444-4400

Fax: (406) 444-1374

Metcalf Building
1520 E Sixth Ave
PO Box 200901
Helena, MT 59620-0901

December 23, 1998

Unified Disposal District
Clay Vincent
315 4th St.
Havre, MT 59501

CERTIFIED MAIL

**RE: Inspection Report and Violation Letter - Unified Disposal District Class II Landfill
(Lic. #389)**

Dear Mr. Vincent:

On December 16, 1998, I inspected the Unified Disposal District Class II Landfill for compliance with the rules and regulations governing solid waste disposal in Montana. According to ARM 17.50.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. Two major violations still are noted at the time of inspection. Violations included mixed waste groups in the Class III area and uncontrolled litter throughout the fenced site. Enclosed you will find a copy of the on-site observation report and the official inspection report. The latter report was based on the on-site observation report taken at the time of inspection.

The official inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem.

Major violations need to be corrected immediately. Unified Disposal District has failed to bring major violations into compliance. A person who has violated a part, rule, or permit condition may be subject to permit revocation, administrative penalty or civil penalties in accordance with Montana Code Annotated, Title 75, Chapter 10, Part 2, 75-10-224, 75-10-227 and 75-10-228. Please respond to the Department in writing within 15 days of receipt of this letter.

STATE OF MONTANA

Montana
Butte, MT 59701
Phone: 406-241-1000

CERTIFICATE

...

...

...

...

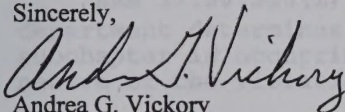
Unified Disposal District

Page 2

December 23, 1998

It may be beneficial to attend the upcoming SWANA course being held in Great Falls, Montana January 28 through 29, 1999, on Landfill Equipment Selection, Operation, Safety and Preventative Maintenance. For information regarding this course you may contact Lara Dando, Montana State University Extension Solid Waste Program, at 994-3451.

Sincerely,



Andrea G. Vickory

Solid and Hazardous Waste Specialist

Enclosures: Copy of On-Site Observation Form, Inspection Report
File: F:\cb5405\wp\landfill\uddhavre reinspect 389 (Revision 7/20/98)

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 7/20/98)

Site Name: Unified Disposal District Class II Landfill
License #: 389
Date of Inspection: 12/16/98
Persons Present: Gene Stinson, Denise Biggar (phone),
Andrea Vickory, DEQ

Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 17.50.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violation: ARM 17.50.503(1)(b) Group III wastes include wood wastes and non-water soluble solids. These wastes are characterized by their general inert nature and low potential for adverse environmental impacts. Examples include, but are not limited to, the following:

- (i) inert solid waste such as unpainted brick, dirt, rock and concrete;
- (ii) clean, untreated, unglued wood materials, brush, unpainted or untreated lumber, and vehicle tires; and
- (iii) industrial mineral wastes which are essentially inert and non-water soluble and do not contain hazardous waste constituents.

Explanation: The Class III area contained Group II wastes. Please remove this mixed waste from the Class III area to the Class II area and cover appropriately. In the future control disposal of waste types in the Class III area.

Major Violations: ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Explanation: Please take measures to better control litter throughout your site.

Date: 12/16/98
Time of Arrival: 1:10
Time of Departure: 1:45
Total Hours: 35

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II
Location 10 miles East of Havre South of HWY 2
Owner Unified Disposal District Phone 265-5481
Address 315 4th St. City Havre, MT 59501
Operator Same Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present Denise Biggar (phone) Title Co. Sanitarian
Gene Stinson Title Operator
DEQ Representative(s) Present Andrea Vickory Title SW Specialist
Title _____

(Answer all questions; mark N/A if not applicable; please print)

Reinspection of non-compliance areas from 10/16/98 inspection
A. General Operational and Maintenance Requirements Yes No N/A
1. Operational Records located where? _____
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] ✓ _____
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] ✓ _____
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] _____
b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] ✓ _____
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] ✓ _____
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] ✓ _____
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] ✓ _____
8. Rodents and insects controlled? [ARM 17.50.510(7)] ✓ _____
9. Blowing litter controlled? [ARM 17.50.510(6)] ✓ _____
10. Access to site controlled? [ARM 17.50.510(4) and (5)] ✓ _____
Sign(s) _____ Gate(s) _____ Fences(s) [ARM 17.50.511(1)(c)] _____ Supervision _____
(Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] ✓ _____
12. Solid Waste Management facility equipment visible on-site? ✓ _____
a) If so, what kind(s) Cat, Scraper
13. Salvaging going on? [ARM 17.50.510(8)] ✓ _____
a) Approved salvaging plan on-file with DEQ? ✓ _____
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] Count

a) How often is volume measured? Did Not check

NOTES: Major blown litter observed throughout fenced area of site.
2 Photographs taken 1 facing North, 1 facing NE.
Litter photographs taken of lower detention pond, 2 taken facing East
1 facing South. Group III waste trench still appears to have
mixed group wastes. 2 photographs taken, 2 facing south.
1 facing west. No improvement noted since previous
inspection 10/16/98.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Environmental Quality
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all



12/16/98 Unified Disposal District Class II 389
Havre

Blown litter, facing east

MT <No. 16> 31 253 0121-1 N N N N-65 2

12/16/98 Unified Disposal District Class II 389
AGV Havre

Blown litter, Facing NE

MT <No. 15> 29 253 0121-1 N N N N-11 2



12/16/98 Unified Disposal District Class II 389
AGV Harre
Facing east. Detention ^{AGV} pond.

MT (No. 11) 21 253 0121-1 N N N N-08 2

12/16/98 Unified Disposal Dist. Class II 389
AGV Harre
Facing south Detention pond area.

MT (No. 12) 23 253 0121-1 N N N N-10

12/16/98 Unified Disposal District Class II 389
AGV Harre
Facing south, Group III trench, mixed waste

MT (No. 13) 26 253 0121-1 N N N N-01

12/16/98 Unified Disposal District Class II 389
AGV Harre
Facing south, Group III trench, mixed waste

MT (No. 14) 28 253 0121-1 N N N N-07

INITIALS

DATE

10/22/98

SOLID WASTE OUTGOING CORRESPONDENCE ROUTE SLIP (ONLY)☐ **NEW APPLICATION**

Initial / Date

Rick T.

Pat C.

Nancy (Proof)

Cathy

Jon D.

☐ **NEW LICENSE**

Initial / Date

Rick T.

Pat C.

Nancy (Proof)

Carol

Cathy

Jon D.

☐ **HEALTH OFFICER CARD**

Initial / Date

Rick T.

Carol

Cathy

☒ **INSPECTIONS**

Initial / Date

Pat C.

Nancy (Proof)

Carol

Jon D.

FPC 10/27/98
10/23/98
CU 10-27☐ **INTERIM CLOSURES**

Initial / Date

Rick T.

Pat C.

Nancy (Proof)

Carol

Cathy

Jon D.

☐ **CLOSURES**

Initial / Date

Rick T.

Pat C.

Nancy (Proof)

Carol

Cathy

Jon D.

☐ **CHANGE IN LICENSE
FOR FEE STATUS**

Initial / Date

Rick T.

Pat C.

Nancy (Proof)

Cathy

☐ **COMPLAINTS**

Initial / Date

Pat C.

Nancy (Proof)

Carol (filing & DBase)

☐ **GROUND WATER**

Initial / Date

Nancy (Proof)

Pat C

☐ **GENERAL CORRESPONDENCE**

Initial / Date

Pat C. / Rick T.

Nancy (Proof)

Jon D. (As Needed)

Mark Steger Smith (As Needed)

☐ **MISCELLANEOUS**

Initial / Date

☐ **FILE****MAILED**
10/28/98

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING & COMPLIANCE DIVISION

Community Services Bureau
Waste Management Section

MARC RACICOT, GOVERNOR



STATE OF MONTANA

Phone: (406)444-4400

Fax: (406)444-1374

Metcalf Building
1520 E Sixth Ave
PO Box 200901
Helena, MT 59620-0901

October 22, 1998

Unified Disposal District
Clay Vincent
315 4th St.
Havre, MT 59501

RE: Inspection Report - Unified Disposal District Class II Landfill (Lic. #389)

Dear Mr. Vincent:

On October 15, 1998, I inspected the Unified Disposal District Class II Landfill for compliance with the rules and regulations governing solid waste disposal in Montana. According to ARM 17.50.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. A major violation was noted at the time of inspection for mixed waste groups in the Class III area. A major violation is noted for uncontrolled litter throughout the fenced site. Also noted during the inspection were good compaction and daily cover. Enclosed you will find a copy of the on-site observation report and the official inspection report. The latter report was based on the on-site observation report taken at the time of inspection.

The official inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Comments". Those sections in which no violations or comments were noted have not been included in this inspection report. Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem.

Major violations need to be corrected immediately. If left uncorrected, these problems may result in future action by the Montana Department of Environmental Quality. Minor violations need prompt attention to prevent them from becoming major violations. All violations noted in the enclosed inspection report have to be corrected in order to bring your operation into compliance. Compliance deadlines are specified under each section as needed. Material discussed under "Comments" are only suggestions or observations, and are not requirements of State rules and regulations.

DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

Water Quality Control Division
Water Quality Control Division

Water Quality Control Division

STATE OF MONTANA



Montana Building
1250 E. State Ave.
PO Box 20000
Helena, MT 59620-0000

Phone (406) 441-1111
Fax (406) 441-1111

October 11, 1997

Mr. [Name]
[Address]
[City]
[State]
[Zip]

Re: [Subject]

Dear Mr. [Name]:

The Montana Department of Environmental Quality (DEQ) is pleased to inform you that your application for a water quality permit has been received. The DEQ is currently reviewing your application and will contact you again when a decision has been reached. In the meantime, you may wish to provide additional information to assist in the review process. The DEQ is committed to providing a fair and efficient review process for all permit applications. We appreciate your patience and cooperation.

The DEQ is currently reviewing your application and will contact you again when a decision has been reached. In the meantime, you may wish to provide additional information to assist in the review process. The DEQ is committed to providing a fair and efficient review process for all permit applications. We appreciate your patience and cooperation.

Thank you for your patience and cooperation. We appreciate your contribution to the protection of Montana's water resources. If you have any questions or need further information, please contact the DEQ at (406) 441-1111.

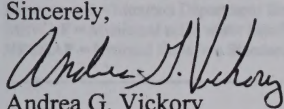
Unified Disposal District

Page 2

October 22, 1998

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. We will try to provide any assistance you may need in order to comply. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,



Andrea G. Vickory

Solid and Hazardous Waste Specialist

Enclosures: Copy of On-Site Observation Form, Inspection Report

File: f:\cb5405\wp\landfill\uddhavre.389 (Revision 7/20/98)

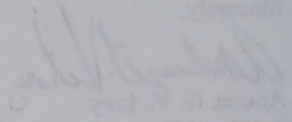
United States District Court

Page 2

October 22, 1992

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. We will try to provide any assistance you may need to comply. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,



Robert A. White
State and Environmental Health Specialist

Let's keep our communities clean and healthy.
We're working together to make it happen.

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 7/20/98)

Site Name: Unified Disposal District Class II Landfill
License #: 389
Date of Inspection: 10/15/98
Persons Present: Gene Stinson, Denise Biggar,
Andrea Vickory, DEQ

Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 17.50.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violation: ARM 17.50.503(1)(b) Group III wastes include wood wastes and non-water soluble solids. These wastes are characterized by their general inert nature and low potential for adverse environmental impacts. Examples include, but are not limited to, the following:

(i) inert solid waste such as unpainted brick, dirt, rock and concrete;

(ii) clean, untreated, unglued wood materials, brush, unpainted or untreated lumber, and vehicle tires; and

(iii) industrial mineral wastes which are essentially inert and non-water soluble and do not contain hazardous waste constituents.

Comments: The Class III area contained Group II wastes. Please remove this mixed waste from the Class III area to the Class II area and cover appropriately. In the future control disposal of waste types in the Class III area.

Major Violations: ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Comments: Please take measures to better control litter throughout your site.

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 7/20/78)

Site Name: _____
Address: _____
Date of Inspection: 10/25/82
Inspector: _____
Gene Stinson, Denise Stiggar
Andrew Vicky, DEC

Also - Attachment List of Photos
Program - Inspection Report (Attachment Only)
Site - Inspection and Waste Audit
Notes - Notes (Attachment List of Photos in Folder)

Site - Code of Federal Regulations
MSHA - Federal Code Appendix
MSHA - Federal Code Appendix

AND 17.50.534(1) ENFORCEMENT. It is after an inspection the
department determines that violation of the act or this
subchapter is occurring, it shall notify the licensee of the
nature of the violation.

General Operational and Maintenance Requirements

Major Violation: 17.50.534(1) (b) Group III wastes include
wood wastes and non-water soluble solids. These wastes are
characterized by their general inert nature and low potential for
adverse environmental impacts. Examples include, but are not
limited to the following:
(1) inert solid waste such as unpainted brick, dirt, rock
and concrete;
(2) clean, unpainted, unglued wood materials, brush,
unpainted or unpainted lumber, and vehicle tires; and
(3) industrial mineral wastes which are essentially inert
and non-water soluble and do not contain hazardous waste
constituents.

Comment: The Class III area contained Group II wastes. Please
remove this mixed waste from the Class III area to the Class II
area and cover appropriately. In the future general disposal of
waste types in the Class III area.

Major Violation: 17.50.534(2) Effective means shall be
taken to control litter at solid waste storage and disposal
facilities.

Comment: Please take measures to better control litter
throughout your site.

Dept. of Environmental Quality
Permitting & Compliance Division
Solid Waste Management Program
P.O. Box 200901
Metcalf Building
Helena, Montana 59620-0901
(406) 444-4323

Date: 10/15/88 10/16/88
Time of Arrival: 1:15 8:15
Time of Departure: 2:25 8:45
Total Hours: 1+ 5

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II
Location 10 miles E. of Havre S. of HWY 2
Owner Unified Disp. Dist. Phone 265-5481
Address 315 4th St. City Havre MT 59501
Operator same Phone _____
Address _____ City _____ MT _____
Landfill Representative(s) Present Bene Stinson Title Operator
Denise Biggar Title Co. Sanitarian
DEQ Representative(s) Present Andrea Vickory Title SHW Specialist
Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

	Yes	No	N/A
1. Operational Records located where? <u>Carthouse and Landfill</u>			
2. Dumping confined to a manageable area? [ARM 17.50.510(4)]			
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)]	☒		
a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)]			☒
b) If so, what kind?			
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)]	☒		
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)]	☒		
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)]	☒		
7. Final cover on filled areas? [ARM 17.50.530(1)(a)]	☒		
8. Rodents and insects controlled? [ARM 17.50.510(7)]	☒		☒
9. Blowing litter controlled? [ARM 17.50.510(6)] <u>Major</u>	☒	☒	
10. Access to site controlled? [ARM 17.50.510(4) and (5)]	☒		
Sign(s) ☒ Gate(s) ☒ Fences(s) [ARM 17.50.511(1)(c)] ☒ Supervision ☒			
(Check all that apply)			
11. Approach road properly maintained? [ARM 17.50.505(1)(b)]	☒		
12. Solid Waste Management facility equipment visible on-site?	☒		
a) If so, what kind(s) <u>816 Flat 621 Scraper 922 Cat 16H Cat</u>			
13. Salvaging going on? [ARM 17.50.510(8)]		☒	
a) Approved salvaging plan on-file with DEQ?			☒
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)]			
<u>Count</u>			

a) How often is volume measured? Container Count daily
NOTES: Blowing litter was observed throughout fenced area of site.
Non-group III wastes noted in group III trench. Compaction
very good. Daily cover appears adequate. Keep up the good
work.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Environmental Quality
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 17.50.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 17.50.510(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 17.50.510(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the 6 inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of 6 inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 17.50.511(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 17.50.511(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 17.50.511(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

ARM 17.50.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 17.50.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 17.50.506(16), must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than 1 mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than 1 mile but less than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than 2 miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 17.50.706(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least 1 background water quality monitoring well is required at all

B. Ground Water Monitoring Requirements

Yes No N/A

1. Are the wells sealed at ground level? [ARM 17.50.707(7)(c)] ☒ Yes ☐ No ☐ N/A
2. Are the wells locked? [ARM 17.50.707(8)] ☒ Yes ☐ No ☐ N/A

NOTES: Wells not AOV sampled today (10/15/98) by Damschen Ass.

C. Leachate Collection Requirements

1. What happens to the leachate? no system in place
2. How often is it sampled? _____

NOTES: _____

D. Burn Pile Management Requirements

Yes No N/A

1. Does site burn untreated wood waste and is it controlled? [ARM 17.50.510(2)] ☒ Yes ☐ No ☐ N/A
2. Has an Air Quality Bureau permit been issued? [ARM 17.50.1307(1)(b)] ☒ Yes ☐ No ☐ N/A
3. Has burn pile been contaminated? [ARM 17.50.1307(1)(b)] ☒ Yes ☐ No ☐ N/A
a) If so, with what? _____

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? [ARM 17.50.511(1)(e)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF perform random inspections? [ARM 17.50.511(1)(e)(i)] ☒ Yes ☐ No ☐ N/A
a) How often? checked weekly

NOTES: Records at landfill and courthouse

F. Landfill Gas Monitoring

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? [ARM 17.50.511(1)(g)] ☒ Yes ☐ No ☐ N/A
2. Department checks conducted on wells? ☒ Yes ☐ No ☐ N/A
a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? [ARM 17.50.511(1)(j)(i)] ☒ Yes ☐ No ☐ N/A
2. Does the MSWLF have a run-off control system? [ARM 17.50.511(1)(j)(ii)] ☒ Yes ☐ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) Permit? [ARM 17.30.1301 et seq.] ☒ Yes ☐ No ☐ N/A

NOTES: Detention pond was contaminated with debris and blowing litter
AOV

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least 2 background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 17.50.708.

ARM 17.50.707(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within 5 feet of the zone being monitored.

ARM 17.50.707(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 17.50.723(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 17.50.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 17.50.510(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(4)(b) The department may issue a conditional air quality open burning permit to dispose of:

- (b) untreated wood waste at a licensed landfill site

ARM 16.8.1307(5)(b) A permit issued under this rule is valid for

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 17.50.511(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 17.50.511(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 17.30.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the national pollutant discharge elimination system as established by the US environmental protection agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

1. White goods stored on-site? ☒ Yes ☐ No ☐ N/A
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ Yes ☐ No ☐ N/A
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒ Yes ☐ No ☐ N/A
 - c) Are White Goods recycled? ☒ Yes ☐ No ☐ N/A
 - d) By whom? ☒ Yes ☐ No ☐ N/A
 - e) How often are they removed from site? Last removed
2. Dead animals accepted? ☒ Yes ☐ No ☐ N/A
3. Is asbestos disposed on-site? ☒ Yes ☐ No ☐ N/A
 - a) If so, is there a special disposal area for it? ☒ Yes ☐ No ☐ N/A
 - b) Is a map available? ☒ Yes ☐ No ☐ N/A
 - c) Covered with at least six inches of soil? ☒ Yes ☐ No ☐ N/A
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 C.F.R. § 61.154(g)) ☒ Yes ☐ No ☐ N/A
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☒ Yes ☐ No ☐ N/A
4. Does the site landfarm contaminated soils? ☒ Yes ☐ No ☐ N/A
 - a) If so, is it part of the approved operations? ☒ Yes ☐ No ☐ N/A
 - b) Where is it located? Courthouse

NOTES:

I. Waste Reduction Yes No N/A

1. Does the facility recycle? ☒ Yes ☐ No ☐ N/A
 - a) What is recycled?
 - Used Oil ☒ Yes ☐ No ☐ N/A
 - Aluminum Cans ☒ Yes ☐ No ☐ N/A
 - Steel Cans/Scrap Metal ☒ Yes ☐ No ☐ N/A
 - Glass ☒ Yes ☐ No ☐ N/A
 - Paper ☒ Yes ☐ No ☐ N/A
 - Batteries (Wet/Dry Cell) ☒ Yes ☐ No ☐ N/A
 - Newspaper ☒ Yes ☐ No ☐ N/A
 - Other ☒ Yes ☐ No ☐ N/A
 - b) What is the frequency of removal? _____
 - c) Where are the recyclables taken? _____
2. Does the facility compost? ☒ Yes ☐ No ☐ N/A
 - a) What composting method is used? _____
 - b) What is composted? _____
 - c) What is the compost used for? _____
 - d) Is it contaminated? _____
3. Does the facility have a household hazardous waste collection area? ☒ Yes ☐ No ☐ N/A
 - a) If so, what is collected? _____
 - b) How often is the material removed and who removes it? _____
 - c) What is the final disposition of the collected material? _____

NOTES:

J. Examination of Operation Records [see, ARM 17.50.511(1)(p)] Yes No N/A

1. Does the MSWLF have weight/volume records on-site? ☒ Yes ☐ No ☐ N/A
2. Are ground water monitoring records on-site? [ARM 17.50.709(4)] ☒ Yes ☐ No ☐ N/A
 - a) If not, where are they? Courthouse
 - b) When were the wells last sampled? 10/15/98
 - c) What was it sampled for? as required

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of § 61.151.

J. Examination of Operation Records

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes; and . . .

ARM 17.50.511(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 17.50.701, et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 17.50.709(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall:

- (1) Maintain waste shipment records . . . including name, address, and telephone number of generator(s) and transporter(s), quantity and condition of waste . . . date of the receipt.
- (2) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (3) Upon discovering a discrepancy . . . reconcile the discrepancy with the waste generator. . . If the discrepancy is not resolved within 15 days . . . report in writing to the local, State, or EPA . . . NESHAP program. . .
- (4) Retain a copy of all records and reports required . . . for at least 2 years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request, and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 17.50.410(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through June 30 of the subsequent year.

ARM 17.50.410(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of 75-10-116, MCA.

K. Additional Questions

ARM 17.50.411(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at that facility to accurately determine the volume accepted.

ARM 17.50.411(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the department in the annual report specified in ARM 17.50.412.

- | | Yes | No | N/A |
|---|-------------------------------------|--------------------------|-------------------------------------|
| 3. Does the MSWLF have records of HW screenings ? [ARM 17.50.511(1)(e)(ii)] | ☒ | ☐ | ☐ |
| a) Where are they located? <u>Landfill and Court house</u> | ☒ | ☐ | ☐ |
| b) Any records of personnel training? [ARM 17.50.511(1)(e)(iii)] | ☒ | ☐ | ☐ |
| 4. Does the facility have on-site records of landfill gas monitoring ? | ☐ | ☐ | ☒ |
| 5. Are asbestos waste shipment records maintained? [40 C.F.R. § 61.154(e)(1)] | ☐ | ☐ | ☐ |
| a) Are copies of all required records and reports retained for 2 years? [40 C.F.R. § 61.154(e)(4)] | ☐ | ☐ | ☒ |
| b) Are records available for inspection? [40 C.F.R. § 61.154(i)] | ☐ | ☐ | ☒ |
| c) Is a map or diagram of the asbestos disposal area being maintained? [40 C.F.R. § 61.154(f)] | ☒ | ☐ | ☐ |
| 6. In regard to landfills , are waste shipment records maintained? | ☒ | ☐ | ☐ |
| a) Is the material typically analyzed? | ☒ | ☐ | ☐ |
| b) Are analytical results on file? | ☒ | ☐ | ☐ |
| c) What volume of soils are accepted annually? <u>not accepting anymore at this time</u> | ☐ | ☐ | ☒ |
| 7. Are leachate analysis records stored on-site? | ☐ | ☐ | ☒ |
| a) If not, where? | ☐ | ☐ | ☐ |
| b) When was the last sampling event? | ☐ | ☐ | ☐ |
| c) What contaminate(s) is the leachate tested for? | ☐ | ☐ | ☐ |
| 8. Any location restriction documents? [ARM 17.50.511(1)(p)(i)] | ☐ | ☐ | ☒ |
| a) What are they? | ☐ | ☐ | ☐ |
| 9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate ? [ARM 17.50.511(1)(p)(iv)] | ☐ | ☐ | ☐ |
| 10. Closure and Post-closure care information on-site? [ARM 17.50.511(1)(p)(vi)] | ☒ | ☐ | ☐ |
| 11. Cost estimates or financial assurance documents on-site? [ARM 17.50.511(1)(p)(vii)] | ☒ | ☐ | ☐ |
| 12. Any information demonstrating compliance with small community exemption ? [ARM 17.50.511(1)(p)(viii)] | ☐ | ☐ | ☒ |
| 13. License issued? [ARM 17.50.410(1)] | ☒ | ☐ | ☐ |
| 14. Fees paid? [ARM 17.50.410(1)(b)] | ☒ | ☐ | ☐ |

NOTES:

K. Additional Questions

- | | Yes | No | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the MSWLF accept out-of-state wastes? | ☐ | ☒ | ☐ |
| a) If so, how much? | ☐ | ☐ | ☐ |
| 2. Are the weight records up to date? [ARM 17.50.411(4)] | ☒ | ☐ | ☐ |
| 3. Has last quarter report and fee payment been submitted to the State? [ARM 17.50.411(3)] | ☒ | ☐ | ☐ |
| 4. Out-of-state waste received from: | ☐ | ☐ | ☐ |

ADDITIONAL NOTES AND/OR COMMENTS:

3 Photographs taken facing South of The Group III trench. 1 Photograph taken facing East of the detention pond.



10/15/98 Unified Disposal District Class II #389
AGV Havre

Group III trench. Taken facing South.
Contaminated.

10/15/98 Unified Disposal District Class II #389
AGV Havre

Group III trench. Taken facing south.
Contaminated.

10/15/98 Unified Disposal District Class II #389
AGV Havre

Detention pond litter. Taken facing
east.

10/15/98 Unified Disposal District Class II #389
AGV Havre

Group III trench. Taken facing South.
Contaminated.

Hill Co / UNIFIED #389 / FIELD INV.

Initials Date 4/30

SOLID WASTE PROGRAM ROUTE SLIP

☐ **NEW APPLICATION**

Initial / Date

Jim W.
Jon D.
Proof
Cathy
Roger

☐ **NEW LICENSE**

Initial / Date

Jim W.
Jon D.
Proof
Carol
Cathy
Roger

☐ **HEALTH OFFICER CARD**

Initial / Date

Jim W.
Carol
Cathy

☒ **INSPECTIONS**

Initial / Date

Pat C.
Jon D.
Proof
Carol
Roger

JD 4-30
Tom 4-30
CK 5-1
RCS 5-2

Mail 5-2 Tom

☐ **INTERIM CLOSURES**

Initial / Date

Jim W.
Jon D.
Proof
Carol
Cathy
Roger

☐ **CLOSURES**

Initial / Date

Jim W.
Jon D.
Proof
Carol
Cathy
Roger

☐ **CHANGE IN LICENSE
FOR FEE STATUS**

Initial / Date

Jim W.
Jon D.
Proof
Cathy
Roger

☐ **COMPLAINTS**

Initial / Date

Pat C.
Jon D.
Proof
Roger
Carol (filing & DBase)

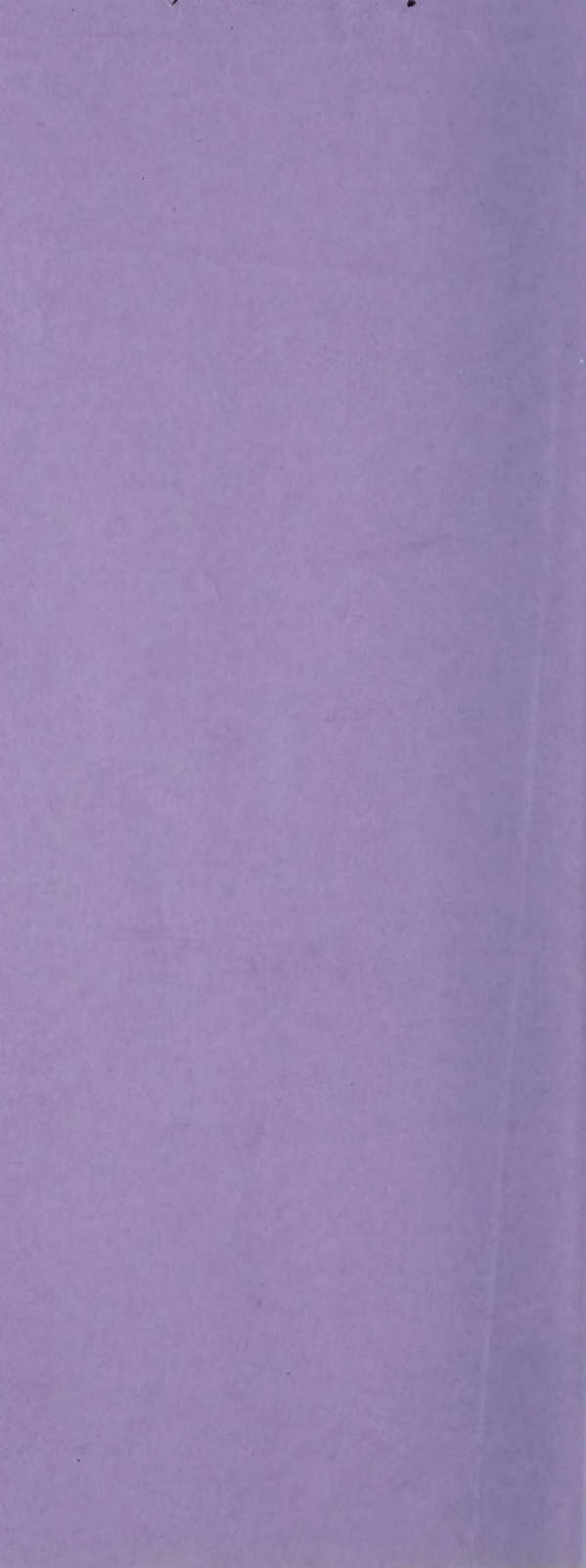
☐ **GENERAL CORRESPONDENCE**

Initial / Date

Pat C./Jim W.
Jon D.
Proof
Roger

☐ **MISCELLANEOUS**

Initial / Date



DEPARTMENT OF
ENVIRONMENTAL QUALITY

Waste Management Division
Solid Waste Management Program
406/444-1430

FAX # (406) 444-1499



STATE OF MONTANA

OFFICE 2209 PHOENIX AVE.
LOCATION: HELENA, MONTANA

MAILING PO BOX 200901
ADDRESS: HELENA, MT 59620-0901

May 1, 1996

Unified Disposal Board
c/o Clay Vincent, R.S.
Hill County Courthouse
Havre, Montana 59501

SUBJECT: Unified Disposal District Class II Landfill (#389)
Inspection Report

Dear Board Members:

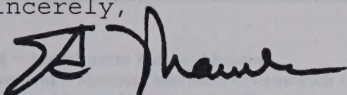
On April 16, 1996, I inspected the subject facility for compliance with the rules and regulations governing solid waste disposal in Montana. According to ARM 17.50.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. Enclosed you will find a copy of the on-site observation report and the official inspection report. The latter report was based on the on-site observation report taken at the time of inspection.

The official inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Comments". Those sections in which no violations or comments were noted have not been included in this inspection report. Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem.

Major violations need to be corrected immediately. If left uncorrected, these problems may result in future action by the Montana Department of Environmental Quality. Minor violations need prompt attention to prevent them from becoming major violations. All violations noted in the enclosed inspection report have to be corrected in order to bring your operation into compliance. Compliance deadlines are specified under each section as needed. Material discussed under "Comments" are only suggestions or observations, and are not requirements of State rules and regulations. I did make consideration of the long hard winter experienced in your area and noted that the Unified landfill crew has been trying to catch up after the heavy winds and bitter cold.

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. We will try to provide any assistance you may need in order to comply. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,



Edward A. Thamke
Solid Waste Program

ASM 17-50.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

c/encl: Bruce Richardson, M.D., County Health Officer, 124 13th, Havre, MT 59501
Damschen & Associates, P.O. Box 4817, Helena, MT 59604
Kathy Bessette, Hill County Commissioner, Courthouse, 315 4th Street, Havre, MT 59501
Art Kleinjan, Blain County Commissioner, P.O. Box 278, Chinook, MT 59523
Charles Danreuther, Choteau County Commissioner, P.O. Box 459, Fort Benton, MT 59442
Marty Dirden, R.S., Blaine County Health Department, P.O. Box 576, Chinook, MT 59523

Enclosures: Copy of On-Site Observation Form, Inspection Report

Enclosures: Copy of On-Site Observation Form, Inspection Report

Enclosed for you is a copy of the strong effort recently exerted by the Valley County Health Department to reduce the amount of litter scattered throughout the landfill area. I realize that because the current working area is on top of the hill, the facility is more susceptible to high winds that commonly blow through the area. I noticed that the landfill operators are trying to mitigate the litter problem by keeping a smaller and more manageable working face that gets compacted and covered more quickly than in the past. Good job on this. I have a suggestion that may further help reduce the blowing litter. Several other Class II facilities that I visited on this inspection trip have combined a tighter working face with mobile wind screens that could easily and quickly be moved within close proximity to open refuse at the working face. This allows a more effective first defense against blowing litter and any refuse that did manage to escape the proximal wind screens was typically caught in the outer fence surrounding the Active Disposal Area. The proximal wind screens are designed so that they can be moved with the blade on the conveyor in a couple of minutes and therefore account for changing wind direction and migration of the working face. The basic recommendation is that the facilities utilizing this type of litter prevention are paying less for litter pickers in the field and they were not in violation of this compliance regulation. You have a good outside fence (although it barely did over this winter because of the weight of the litter caught on it). And you need a proximal wind screen that would catch the litter at the working face. I would be happy to help if you have any questions on this and refer you to Walt Turner at the Valley County landfill and/or Wes Graybe at Plentywood to see how they designed and use their wind screens.

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 3/01/96)

Site Name: Unified Disposal District Class II Landfill

License #: 389

Date of Inspection: April 16, 1996

Persons Present: Clay Vincent, Denise Biggar, Dick Bulman, Ed Thamke

Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 17.50.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violation: ARM 17.50.510(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Although I appreciate the operational difficulties the "Winter of 96" created for the landfill crew, and the strong effort recently exerted to get the litter picked up, a significant amount of litter remained scattered throughout the landfill area. I realize that because the current working area is on top of the hill, the facility is more susceptible to high winds that commonly blow through the area. I noticed that the landfill operators are trying to mitigate the litter problem by keeping a smaller and more manageable working face that gets compacted and covered more quickly than in the past. Good job on this. I have a suggestion that may further help reduce the blowing litter. Several other Class II facilities that I visited on this inspection trip have combined a tighter working face with mobile wind screens that could easily and quickly be moved within close proximity to open refuse at the working face. This allowed a more effective first defense against blowing litter and any refuse that did manage to escape the proximal wind screens was typically caught in the outer fence surrounding the active disposal area. The proximal wind screens are designed so that they can be moved with the blade on the compactor in a couple of minutes and therefore account for changing wind direction and migration of the working face. The basic realization is that the facilities utilizing this type of litter prevention are paying less for litter pickers in the field and, they were not in violation of this compliance regulation. You have a good outside fence (although it nearly blew over this winter because of the weight of the litter caught on it). All you need is to develop is a proximal wind screen that would catch the litter at the working face. I would be happy to help if you have any questions on this and refer you to Walt Turner at the Valley County Landfill and/or Wes Grayson at Plentywood to see how they designed and use their wind screens.

Major Violation: ARM 17.50.511(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging.

The daily cover of the active working face appears to be much improved. However, cover of the wet weather disposal area was noted to be poor. Realizing that wet conditions creating the necessity to use the wet weather area also make it difficult to cover because everything turns to mud, I would advise revisiting the area as soon as possible after it dries out to apply the required cover. Please recognize that good daily and interim cover also helps reduce blowing litter.

Minor Violations:

ARM 17.50.503(1)(b) Group III wastes include wood wastes and non-water soluble solids. Examples include, but are not limited to, the following:

- (i) inert solid waste such as brick, dirt, rock and concrete;
- (ii) wood materials, brush, lumber, and vehicle tires; and
- (iii) industrial mineral wastes which are essentially inert and non-water soluble and do not contain hazardous waste constituents.

ARM 17.50.504(2) There are two types of disposal facilities: Class II and Class III.

(a) Generally, facilities licensed to operate as Class II solid waste management systems are capable of receiving Group II and Group III wastes but not regulated hazardous wastes. Household waste, although it may contain some household hazardous waste or other non-regulated hazardous waste, may be disposed of at Class II landfills.

(b) Facilities licensed as Class III landfills may accept only Group III wastes which are primarily inert wastes:

ARM 17.50.510(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

The above violation citations pertain specifically to the management of the Class III disposal trench. Without supervision of those utilizing the Class III trench, there will be abuse. Waste materials that may be disposed of into this trench are limited to Group III wastes as defined above. Waste materials that have been disposed of into this trench were noted to include plastics, painted & treated wood, metals, and bags of household garbage. It might help to post a sign stating specifically that only tires, clean wood and brush, brick, concrete and generally inert waste may be placed there. In order to encourage a uniform disposal area, you may want to run ribbon or fence across a portion of the cell so that the public can only access a limited area.

Comments:

ARM 17.50.510(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

The landfill crew had to deal with a family of skunks this winter but apparently managed to get rid of them.

ARM 17.50.511(1)(a) ... Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least 1 foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

Interim cover had been inadequate in the past; however, through Dick's efforts it was noted to be much improved during this inspection. Good job! Please keep in mind that when the existing east side working area is brought to the projected design grade and the active disposal is relocated to the coulee, 1 foot of interim cover must be applied to the entire footprint on the east side of the landfill.

ARM 17.50.511(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

It was difficult to tell if and when quarterly cover had been applied to the Class III trench because of the unmanageable disposal noted on the previous page.

Ground Water Monitoring Requirements

No Violations Noted.

Comments: The Unified ground water monitoring plan was approved in April of 1995. The last monitoring results in our files are from November 1995.

Leachate Collection Requirements

No Violations Noted.

Comments: Unified will not have to install a leachate collection system until the disposal activity moves off of the existing "footprint" of buried waste. There has been some discussion as to whether the road that runs up the coulee overlies a footprint and, if not, might require a leachate collection system before disposal activity can proceed in this area. Clay Vincent states that there is garbage under this road. All we need is a written statement to this effect and we can justify not requiring Unified to install a leachate collection system. Any supporting documentation that can be provided would be greatly appreciated.

Burn Pile Management Requirements

No Violations Noted.

Comments: This facility does not operate a burn pile.

Regulated Hazardous Waste Detection and Disposal Prevention

Minor Violation:

ARM 17.50.511(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

(i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;

(ii) Records of any inspections;

(iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

The facility does have an approved random inspection plan and generally performs at least one load check inspection per week. Unfortunately, there were several weeks missing from the records kept at the landfill. It appeared that the actual random inspection and record keeping for the inspection were very good, but it should be done every week as approved in your operations plan.

Landfill Gas Monitoring

No Violations Noted.

Comments: Damschen & Associates perform quarterly monitoring. Only a very minor amount of methane has been detected to date. The last methane monitoring results in our files are from November 1995.

Run-on/Run-off Control Requirements

No Violations Noted.

Comments: I am pleased to report that facility run-on/run-off controls are in place. Both the east and west run-off detention ponds have been built, and the perimeter subdrain was recently reclaimed. If possible, I would recommend seeding the banks of both ponds to provide erosion control. Clay said some work on the east pond culvert also needed to be done because it froze up this winter. There is a lot of litter in the east pond and subdrain trench that needs to be cleaned out.

Special Waste Handling

No Violations Noted.

Comments: Documentation of refrigerator CFC removal is being kept at the courthouse. Although refrigerator doors are not disabled, access to the white goods area is controlled and limited. White goods and other metals are recycled by Weissman on an as-needed basis. Dead animals are disposed of at the working face. Friable asbestos is no longer accepted at this site. Petroleum contaminated soils are accepted for treatment at an approved on-site landfarm. Records of soils accepted are at the courthouse. I appreciate that Dick has made an effort to build perimeter berms for the landfarm, but I ask that he revisits the site now that it is drying out to enlarge them. The berms should be tire compacted after sufficient topsoil or clay is in place. I asked Clay to measure the coordinates and dimensions of the landfarm area then provide the information to Barry Damschen so that the landfarm can be plotted on the facility master site plan. Clay also gave me a copy of the contaminated soil acceptance and tracking form to be used for landfarming at the landfill.

Examination of Operation Records

No Violations Noted.

Comments: Operational record keeping was noted to be very good. The bulk of the records are kept in Denise Biggar's office and all required information was readily available and well organized. Records of random inspections are kept at the landfill office and were also in good shape. Much improvement is noted on this compliance issue and I commend those involved.

Closing Comments

It is very encouraging to be able to document so many improvements and fewer violations of regulatory compliance at the Unified Disposal District Landfill. The violations noted during this inspection could arguably be associated with weather conditions, but more importantly could be corrected by incorporating the suggestions I respectfully submit, i.e., mobile wind screens, posting instructional signs at the Class III, better wet weather area cover, ... I was very impressed by how clean and well managed the collection area at the landfill entrance was during my visit. It was a good idea to create this area and the District should be proud of how well it is working. We appreciate the efforts of everyone involved with running this landfill and sincerely look forward to the day when no violations can be documented at the Unified Disposal District Landfill. In the meantime, please feel free to call or write if we can help in any way.

Dept. of Health and Environmental Sciences
Solid and Hazardous Waste Bureau
P.O. Box 200901
Cogswell Building
Helena, Montana 59620-0901
(406) 444-1430

Date: 4/16/96
Time of Arrival: 10:00
Time of Departure: 1:00
Total Hours: 3.0

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 389
Solid Waste Management Site/System Description Class II Land Fill
Location East of Haure South off Highway 2.
Owner Unified Disposal Board Phone _____
Address Hill County Courthouse City HAURE, MT 59501
Operator Clay Vincent & Dick Bulman Phone 265-5481
Address _____ City _____, MT _____
Landfill Representative(s) Present Clay Vincent Title P.S.
Dick Bulman Title P.S.
AT Land Fill. Dewise Biggar
DEQ Representative(s) Present Ed Thumke Title San. Specialist
DHES Representative(s) Present _____ Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

	Areas of Concern		
	Yes	No	N/A
1. Operational Records located where? <u>Courthouse & Land Fill</u>			
2. Dumping confined to a manageable area? (ARM 16.14.520(4))	☒		
3. Refuse properly covered after each operating day? (ARM 16.14.521(1)(a))		☒	
a) Alternative Daily Cover in use? (ARM 16.14.521(1)(a))		☒	
b) If so, what kind?			
4. If a Class III landfill, covered at least quarterly? (ARM 16.14.521(2))	☒		
5. Daily Spreading and compaction of refuse adequate? (ARM 16.14.521(1)(a))	☒		
6. Depth, spreading, and grading of intermediate cover adequate? (ARM 16.14.521(1)(a))	☒		
7. Final cover on filled areas? (ARM 16.14.530(1)(a))	☒		
8. Rodents and insects controlled? (ARM 16.14.520(7))	☒		☒
9. Blowing litter controlled? (ARM 16.14.520(6))		☒	
10. Access to site controlled? (ARM 16.14.520(4) and (5))	☒		
Sign(s)	☒		
Gate(s)	☒		
Fences(s) (ARM 16.14.521(1)(c))	☒		
Supervision	☒		
11. Approach road properly maintained? (ARM 16.14.505(1)(b))	☒		
12. Solid Waste Management facility equipment visible on-site?	☒		
a) If so, what kind(s)			
13. Where refuse containers are utilized, are they maintained and kept in a sanitary manner? (ARM 16.14.521(1)(d))	☒		
a) Are they emptied at least once a week? (ARM 16.14.521(1)(d))	☒		
14. Salvaging going on? (ARM 16.14.520(8))	☒		
a) Approved salvaging plan on-file with DHES?		☒	
15. What method is used to measure waste volumes? (ARM 16.14.521(1)(c))			

CONTAINER COUNT

a) How often is volume measured? MONTHLY

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Health and Environmental Sciences

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 16.14.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this rule. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 16.14.520(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.520(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.521(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with six inches of a department approved earthen cover material.

ARM 16.14.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion.

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 16.14.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, . . . must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 16.14.704(1) The background groundwater quality monitoring well(s) must be located so as to monitor the quality of groundwater representative of the groundwater passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all

NOTES: _____

B. Ground Water Monitoring Requirements

1. Does the facility have an approved monitoring program? (ARM 16.14.701(2))
2. How many wells are in the sampling program? (ARM 16.14.704(1)) 4
3. Are the wells sealed at ground level? (ARM 16.14.705(7)(c))
4. Are the wells locked? (ARM 16.14.705(8))
5. Does the site have a No Migration Petition? (ARM 16.14.714(1))

Areas of Concern

Yes No N/A

☒ ☐ ☐
☒ ☐ ☐
☐ ☒ ☐

NOTES: G.W. Plan Approved 4/95. LAST EVENT on FILE is from 11/95.

C. Leachate Collection Requirements

1. Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (ARM 16.14.506(1)(b))
- a) What happens to the leachate?

Yes No N/A

☐ ☒ ☐

b) How often is it sampled?

NOTES: New Ponds built for Surface Water. No leachate Collection

D. Burn Pile Management Requirements

1. Does site burn untreated wood waste and is it controlled? (ARM 16.14.520(2))
2. Has an Air Quality Bureau permit been issued? (ARM 16.8.1307(1)(b))
- a) Will burn be completed within 24 hours? (ARM 16.8.1307(2)(b))
3. Has burn pile been contaminated? (ARM 16.8.1307(1)(b))
- a) If so, with what?

Yes No N/A

☐ ☒ ☐
☐ ☐ ☐
☐ ☐ ☐
☐ ☐ ☐

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? (ARM 16.14.521(1)(e))
2. Does the MSWLF perform random inspections? (ARM 16.14.521(1)(e)(i))
- a) How often? 1x / WEEK Regions at Land Fill
3. What material is screened?

Yes No N/A

☒ ☐ ☐
☒ ☐ ☐

NOTES: LAST RECORD on FILE 3/28/96

facilities. At least two background wells must be installed at facilities where statistics will be utilized for groundwater quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.706.

ARM 16.14.705(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All groundwater monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings or brightly colored posts around any monitoring device.

ARM 16.14.714(1) Groundwater monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 16.14.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 16.14.520(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(1)(b) The department may issue a conditional air quality open burning permit for the disposal of:

- (b) Untreated wood waste at licensed landfill sites

ARM 16.8.1307(2)(b) An air quality open burning permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 16.14.521(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 16.20.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the National Pollutant Discharge Elimination System as established by the U.S. Environmental Protection Agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

F. Landfill Gas Monitoring

Areas of Concern

Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? (ARM 16.14.521(1)(g)) APPROVED 7/94 ☒ ☐ ☐
2. How many permanent methane monitoring stations does the facility have? 5 + Shop. ☒ ☐ ☐
3. How many temporary bore holes used? ☐ ☐ ☐
4. Are all facility buildings tested for methane? ☐ ☐ ☐
 - a) Which ones? Shop
5. What instrument is used? DAMSCHEN
6. How often are they sampled? (ARM 16.14.521(1)(g)(i)) Quarterly
7. Readings reported in percent lower explosion limit (% LEL) for methane, percent volume of explosive gas in air, or in parts per million (ppm) of combustible gases? ☐ ☐ ☐
8. Department checks conducted on wells? ☐ ☐ ☐
 - a) Results? ☐ ☐ ☐

NOTES: LAST REPORT FROM 11/95 EVENT RICKS IN MG-1A = .10 %
MG-1B .20 % DID SPRING EVENT.

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? (ARM 16.14.521(1)(j)(i)) ☒ ☐ ☐
2. Does the MSWLF have a run-off control system? (ARM 16.14.521(1)(j)(ii)) ☒ ☐ ☐
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) permit? (ARM 16.20.1301 et. seq.) ☐ ☒ ☐
4. What is its permit number? ☐ ☐ ☐

NOTES: CLAY WILL SEND A STATEMENT THAT THERE IS WASTE FOOTPRINT IN COLLIER.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒ ☐ ☐
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ ☐ ☐
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☐ ☒ ☐ but ACCESS CONTROLLED & WATCH
 - c) Are White Goods recycled? ☐ ☐ ☐
 - d) By whom? WIESMANN RECYCLES
 - e) How often are they removed from site? AS NEEDED.
2. Dead animals accepted? ☒ ☐ ☐
 - a) If so, does the facility have a special disposal area? ☐ ☒ ☐
 - b) Where is it located? WORKING FENCE.
3. Is asbestos disposed on-site? NOT ANY MORE ☐ ☒ ☐
 - a) If so, is there a special disposal area for it? ☐ ☐ ☐
 - b) A map available? ☐ ☐ ☐
 - c) Covered with at least six inches of soil? ☐ ☐ ☐
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 CFR § 61.154(g)) ☐ ☐ ☐
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☐ ☐ ☐
4. Does the site landfarm contaminated soils? ☒ ☐ ☐
 - a) If so, is it part of the approved operations? ☒ ☐ ☐
 - b) Where is it located? ☐ ☐ ☐

NOTES: CLAY NEEDS TO MEASURE DIMENSIONS & LOCATION & LANDFARM TO PLOT ON
LANDFILL MASTER PLAN.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of 40 CFR § 61.151.

J. Examination of Operation Records

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes . . .

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 *et seq.*;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data of required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall maintain waste shipment records.

40 CFR 61.154(e)(4) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall retain a copy of all records and reports required by this paragraph for at least two years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.405(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through Jun 30 of the subsequent year.

ARM 16.14.405(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of Section 75-10-116, MCA.

K. Additional Questions

ARM 16.14.406(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at the facility to accurately determine the volume accepted.

ARM 16.14.406(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the Department in the annual report specified in ARM 16.14.407.

I. Waste Reduction

Areas of Concern

1. Does the facility **recycle**?

Yes No N/A

a) What is recycled?

Used Oil

Aluminum Cans

Steel Cans/Scrap Metal

Glass

Paper

Batteries (Wet/Dry Cell)

Newspaper

Other

b) What is the frequency of removal?

c) Where are the recyclables taken?

2. Does the facility **compost**?

a) What composting method is used?

b) What is composted?

c) What is the compost used for?

d) Is it contaminated?

3. Does the facility have a household hazardous waste collection area?

a) If so, what is collected?

b) How often is the material removed and who removes it?

c) What is the final disposition of the collected material?

NOTES:

J. Examination of Operation Records (see ARM 16.14.521(1)(p))

1. Does the MSWLF have **weight/volume** records on-site? *Landfill Office*

Yes No N/A

2. Are **ground water monitoring** records on-site? (ARM 16.14.707(4))

a) If not, where are they?

b) When were the wells last sampled? *11/95*

c) What was it sampled for? *Table 1*

3. Does the MSWLF have records of **HW screenings**? (ARM 16.14.521(1)(e)(ii))

a) Where are they located? *Landfill*

b) Any records of personnel training? (ARM 16.14.521(1)(e)(iii))

4. Does the facility have on-site records of **landfill gas monitoring**?

5. Are **asbestos** waste shipment records maintained? (40 CFR § 61.154(e)(1))

a) Are copies of all required records and reports

retained for 2 years? (40 CFR § 61.154(e)(4))

b) Are records available for inspection? (40 CFR § 61.154(i))

c) Is a map or diagram of the asbestos disposal area being maintained? (40 CFR § 61.154(f))

6. In regard to **landfills**, are waste shipment records maintained?

a) Is the material typically analyzed?

b) What is the soil tested for? *Asbestos on Soil*

b) What volume of soils are accepted annually? *VARIES*

7. Are **leachate** analysis records stored on-site?

a) If not, where?

b) When was the last sampling event?

28314
121287

11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847

begin

c) What contaminate(s) is the leachate tested for? _____

- | | | | | |
|-----|--|----------|----------|---|
| 8. | Any location restriction documents? (ARM 16.14.521(1) (p) (i)) | <u>✓</u> | — | — |
| a) | What are they? <u>PLAS SHEETS</u> | | | |
| 9. | Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate? (ARM 16.14.521(1) (p) (iv)) | <u>✓</u> | — | — |
| 10. | Closure and Post-closure care information on-site? (ARM 16.14.521(1) (p) (vi)) | <u>✓</u> | — | — |
| 11. | Cost estimates or financial assurance documents on-site? (ARM 16.14.521(1) (p) (vii)) | <u>✓</u> | — | — |
| 12. | Any information demonstrating compliance with small community exemption? (ARM 16.14.521(1) (p) (viii)) | <u>✓</u> | — | — |
| 13. | License issued? (ARM 16.14.405(1)) | <u>✓</u> | <u>✓</u> | — |
| 14. | Fees paid? (ARM 16.14.405(1) (b)) | <u>✓</u> | — | — |

NOTES: ~ 45,000⁰⁰ SET ASIDE FOR FINANCIAL ASSURANCE TRUST FUND.

VOLUME DONE BY CONTAINER COURT AT LANDFILL OFFICE

K. Additional Questions

- | | | Yes | No | N/A |
|----|---|-----|----------|----------|
| 1. | Does the MSWLF accept out-of-state wastes? | — | <u>✓</u> | — |
| a) | If so, how much? | — | — | — |
| 2. | Are the weight records up to date? (ARM 16.14.406(4)) | — | — | <u>+</u> |
| 3. | Has last quarter report and fee payment been submitted to the state? (ARM 16.14.406(3)) | — | — | <u>+</u> |
| 4. | Out-of-state waste received from: _____ | — | — | <u>+</u> |

ADDITIONAL NOTES AND/OR COMMENTS: SITE NOT TOO BAD CONSIDERING THE WINTER IN
HAUSE AREA. INTERIM COVER ON S.E. LOOKED GOOD. LITTER, ALTHOUGH YOU HAVE
BEEN WORKING HARD, REMAINS POOR. FACILITY IS STARTING TO SHAPE UP. CONTAINER &
COLLECTION SITE AT FRONT LOOKS GREAT! KEEP PLUGGING AWAY, I ENJOY SEEING
IMPROVEMENT AT UNIFIED.

5-27-1948



1996 4 16



91.4.96.



91.4.96.

C-LINE 432504
02/01/1996



'96 4 16



'96 4 16



Unified

Cardfawn Area.

Unified Class III Ranch.

Poor management & has

poor weed, plastics, metals, ...

Unified

New ~~WEST~~ Side denouon Pool

Yonow Area in foreground west
is expansion. Foreground East is west
western Area with poor cover.

Unified

East Denouon Pool.

litter very bad.

Unified Disposal Landfill Screening Report

DATE _____ TIME _____ (Circle One) Random Load Intercepted Load

HAULER _____ PHONE _____

HAULER ADDRESS _____

GENERATOR _____ PHONE _____

(Garbage Accumulated Location)

GENERATOR ADDRESS _____

ITEMS FOUND:

| | | | | | | |
|-----|----|-------------------|-----------|------------|--------------|--|
| yes | no | Containers/drums | Number | _____ | | |
| yes | no | Content amount | _____ | | | |
| | | Content form | solid | liquid | gas | |
| | | Contents | hazardous | | nonhazardous | |
| | | Powder/dust | hazardous | | nonhazardous | |
| yes | no | Odor/fumes | Explain | _____ | | |
| yes | no | Heat | _____ | | | |
| yes | no | Batteries (type) | _____ | | | |
| yes | no | Waste Oil | _____ | | | |
| yes | no | PCB (suspected) | _____ | | | |
| yes | no | BioMedical | _____ | | | |
| yes | no | Radioactive | Explain | _____ | | |
| yes | no | Asbestos type | Friable | Nonfriable | | |
| yes | no | Contaminated Soil | Type | _____ | | |

Action Taken:

_____ Waste removed to working face
 _____ Waste rejected
 _____ Waste retained
 If tested: Name and Address of Lab _____

Results: Hazardous Nonhazardous

Waste Manifest/Transported by _____

Date _____ (copy and attach sheets)

PERSONNEL CONDUCTING LOAD CHECK:

LANDFILL MANAGER _____ DATE _____

See reverse side for additional notes

Unified Disposal Board

Hill County Courthouse • Havre, Montana 59501 • (406) 265-5481 ext. 66

*The Unified Disposal Board has agreed conditionally to accept and land farm
_____cubic yards of contaminated soil from (owner/generator)
_____located at (city/county)_____.*

*The Unified Disposal Board assumes no responsibility for the contaminated soil and
will not be responsible for the testing of said soil. The generator or owner of the
soil is responsible for all testing and for keeping the landfill informed of all test
results.*

*Only after the contaminated soil has been approved for disposal by the proper
Montana State authorities will the Unified Disposal Board formally accept the
contaminated soil.*

Soil Information: *Site Location Number* _____

Beginning Contamination Level _____ *Date* _____

Final Test (Soil release) _____ *Date* _____

*Name & Address of Owner/Generator (This Company or Owner is responsible to
test the soil and meet all regulations for final release of the soil):*

☐ NEW APPLICATION

Jim W.
Jon D.
Michelle (proof)
Cathy
Roger

Initial / Date

☐ NEW LICENSE

Jim W.
Jon D.
Michelle (proof)
Carol
Cathy
Roger

Initial / Date

☐ HEALTH OFFICER CARD

Jim W.
Carol
Cathy
Michelle

Initial / Date

☒ INSPECTIONS

Pat C.
Jon D.
Michelle (proof)
Carol
Roger

Initial / Date

JD 8/10
MB 8/9
PC 5-2
CU 8-2

☐ INTERIM CLOSURES

Jim W.
Jon D.
Michelle (proof)
Carol
Cathy
Roger

Initial / Date

☐ CLOSURES

Jim W.
Jon D.
Michelle (proof)
Carol
Cathy
Roger

Initial / Date

☐ CHANGE IN LICENSE
FOR FEE STATUS

Jim W.
Jon D.
Michelle (proof)
Cathy
Roger

Initial / Date

☐ COMPLAINTS

Pat C.
Jon D.
Michelle (proof)
Roger
Carol (filing & DBase)

Initial / Date

☐ GENERAL CORRESPONDENCE

Pat C./Jim W.
Jon D.
Michelle (proof)
Roger

Initial / Date

☐ MISCELLANEOUS

Initial / Date

DEPARTMENT OF
ENVIRONMENTAL QUALITY

Waste Management Division
Solid Waste Management Program
406/444-1430

FAX # (406) 444-1499



STATE OF MONTANA

OFFICE 2209 PHOENIX AVE.
LOCATION: HELENA, MONTANA

MAILING PO BOX 200901
ADDRESS: HELENA, MT 59620-0901

August 15, 1995

Unified Disposal Board
c/o Clay Vincent
Hill County Courthouse
Havre, Montana 59501

SUBJECT: Unified Class II Solid Waste Management Facility (#389) Inspection Report

Dear Board Members:

On July 25, 1995, I inspected the subject facility for compliance with the rules and regulations governing solid waste disposal in Montana. According to ARM 16.14.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. Enclosed you will find a copy of the on-site observation report and the official inspection report. The latter report was based on the on-site observation report taken at the time of inspection.

The official inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Comments". Those sections in which no violations or comments were noted have not been included in this inspection report. Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem.

Major violations need to be corrected immediately. If left uncorrected, these problems may result in future action by the Montana Department of Environmental Quality. Minor violations need prompt attention to prevent them from becoming major violations. All violations noted in the enclosed inspection report have to be corrected in order to bring your operation into compliance. Compliance deadlines are specified under each section as needed. Material discussed under "Comments" are only suggestions or observations, and are not requirements of State rules and regulations.

The purpose of carrying out inspections is to protect human health and the environment by ensuring compliance with State rules and regulations. We will try to provide any assistance you may need in order to comply. Thank you for your cooperation in this matter and please do not hesitate to contact this office with any questions or comments.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ed Thamke".

Edward A. Thamke
Solid Waste Program

cc/encl: Bruce Richardson, M.D., County Health Officer, 124 13th, Havre, MT 59501

Damschen & Associates, P.O. Box 4817, Helena, MT 59604

Kathy Bessette, Hill County Commissioner, Courthouse, 315 4th Street, Havre, MT 59501

Art Kleinjan, Blain County Commissioner, P.O. Box 278, Chinook, MT 59523

Charles Danreuther, Chouteau County Commissioner, P.O. Box 459, Fort Benton, MT 59442

Marty Dirden, R.S., Blaine County Health Dept., P.O. Box 576, Chinook, MT 59523

Enclosures: Copy of On-Site Observation Form, Inspection Report

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

(Revision 7/01/95)

Site Name: Unified Disposal District

License #: 389

Date of Inspection: July 25, 1995

Persons Present: Clay Vincent, R.S., & Denise Biggar, S.I.T., Ed Thamke, DEQ-Environmental Specialist.

Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 16.14.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violations:

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.520(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.520(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

SOLID WASTE MANAGEMENT SYSTEM INSPECTION REPORT

(Section 101.27)

Site Name: United Disposal District

Location: 182

Date of Inspection: July 22, 1992

Personnel: Gary Vincent, R.S. & Denise Higgin, S.I.T., Ed. Thomas, DEQ Environmental Specialist

ARM 16.14.230(1) ENFORCEMENT. If after an inspection the department determines that a violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

ARM 16.14.230(2) - Alternative means of treatment
ARM 16.14.230(3) - Alternative means of treatment
ARM 16.14.230(4) - Alternative means of treatment
ARM 16.14.230(5) - Alternative means of treatment
ARM 16.14.230(6) - Alternative means of treatment
ARM 16.14.230(7) - Alternative means of treatment
ARM 16.14.230(8) - Alternative means of treatment
ARM 16.14.230(9) - Alternative means of treatment
ARM 16.14.230(10) - Alternative means of treatment
ARM 16.14.230(11) - Alternative means of treatment
ARM 16.14.230(12) - Alternative means of treatment
ARM 16.14.230(13) - Alternative means of treatment
ARM 16.14.230(14) - Alternative means of treatment
ARM 16.14.230(15) - Alternative means of treatment
ARM 16.14.230(16) - Alternative means of treatment
ARM 16.14.230(17) - Alternative means of treatment
ARM 16.14.230(18) - Alternative means of treatment
ARM 16.14.230(19) - Alternative means of treatment
ARM 16.14.230(20) - Alternative means of treatment
ARM 16.14.230(21) - Alternative means of treatment
ARM 16.14.230(22) - Alternative means of treatment
ARM 16.14.230(23) - Alternative means of treatment
ARM 16.14.230(24) - Alternative means of treatment
ARM 16.14.230(25) - Alternative means of treatment
ARM 16.14.230(26) - Alternative means of treatment
ARM 16.14.230(27) - Alternative means of treatment
ARM 16.14.230(28) - Alternative means of treatment
ARM 16.14.230(29) - Alternative means of treatment
ARM 16.14.230(30) - Alternative means of treatment
ARM 16.14.230(31) - Alternative means of treatment
ARM 16.14.230(32) - Alternative means of treatment
ARM 16.14.230(33) - Alternative means of treatment
ARM 16.14.230(34) - Alternative means of treatment
ARM 16.14.230(35) - Alternative means of treatment
ARM 16.14.230(36) - Alternative means of treatment
ARM 16.14.230(37) - Alternative means of treatment
ARM 16.14.230(38) - Alternative means of treatment
ARM 16.14.230(39) - Alternative means of treatment
ARM 16.14.230(40) - Alternative means of treatment
ARM 16.14.230(41) - Alternative means of treatment
ARM 16.14.230(42) - Alternative means of treatment
ARM 16.14.230(43) - Alternative means of treatment
ARM 16.14.230(44) - Alternative means of treatment
ARM 16.14.230(45) - Alternative means of treatment
ARM 16.14.230(46) - Alternative means of treatment
ARM 16.14.230(47) - Alternative means of treatment
ARM 16.14.230(48) - Alternative means of treatment
ARM 16.14.230(49) - Alternative means of treatment
ARM 16.14.230(50) - Alternative means of treatment
ARM 16.14.230(51) - Alternative means of treatment
ARM 16.14.230(52) - Alternative means of treatment
ARM 16.14.230(53) - Alternative means of treatment
ARM 16.14.230(54) - Alternative means of treatment
ARM 16.14.230(55) - Alternative means of treatment
ARM 16.14.230(56) - Alternative means of treatment
ARM 16.14.230(57) - Alternative means of treatment
ARM 16.14.230(58) - Alternative means of treatment
ARM 16.14.230(59) - Alternative means of treatment
ARM 16.14.230(60) - Alternative means of treatment
ARM 16.14.230(61) - Alternative means of treatment
ARM 16.14.230(62) - Alternative means of treatment
ARM 16.14.230(63) - Alternative means of treatment
ARM 16.14.230(64) - Alternative means of treatment
ARM 16.14.230(65) - Alternative means of treatment
ARM 16.14.230(66) - Alternative means of treatment
ARM 16.14.230(67) - Alternative means of treatment
ARM 16.14.230(68) - Alternative means of treatment
ARM 16.14.230(69) - Alternative means of treatment
ARM 16.14.230(70) - Alternative means of treatment
ARM 16.14.230(71) - Alternative means of treatment
ARM 16.14.230(72) - Alternative means of treatment
ARM 16.14.230(73) - Alternative means of treatment
ARM 16.14.230(74) - Alternative means of treatment
ARM 16.14.230(75) - Alternative means of treatment
ARM 16.14.230(76) - Alternative means of treatment
ARM 16.14.230(77) - Alternative means of treatment
ARM 16.14.230(78) - Alternative means of treatment
ARM 16.14.230(79) - Alternative means of treatment
ARM 16.14.230(80) - Alternative means of treatment
ARM 16.14.230(81) - Alternative means of treatment
ARM 16.14.230(82) - Alternative means of treatment
ARM 16.14.230(83) - Alternative means of treatment
ARM 16.14.230(84) - Alternative means of treatment
ARM 16.14.230(85) - Alternative means of treatment
ARM 16.14.230(86) - Alternative means of treatment
ARM 16.14.230(87) - Alternative means of treatment
ARM 16.14.230(88) - Alternative means of treatment
ARM 16.14.230(89) - Alternative means of treatment
ARM 16.14.230(90) - Alternative means of treatment
ARM 16.14.230(91) - Alternative means of treatment
ARM 16.14.230(92) - Alternative means of treatment
ARM 16.14.230(93) - Alternative means of treatment
ARM 16.14.230(94) - Alternative means of treatment
ARM 16.14.230(95) - Alternative means of treatment
ARM 16.14.230(96) - Alternative means of treatment
ARM 16.14.230(97) - Alternative means of treatment
ARM 16.14.230(98) - Alternative means of treatment
ARM 16.14.230(99) - Alternative means of treatment
ARM 16.14.230(100) - Alternative means of treatment

General Operational and Maintenance Requirements

Major Violations

ARM 16.14.230(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.230(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fire, odor, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabric, straw, compost, or other materials may be used in place of the six inches of approved earth cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earth cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fire, odor, blowing litter and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an immediate cover of at least one foot of approved earth material. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.230(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.230(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

Discussion of Violations: *While we understand the occasional need to create a dumping area to handle large jobs generating construction and demolition debris such as asphalt, it should be done in an area near the working face so that it can be effectively managed and covered at the end of the working day. There were several areas of asphalt that have been uncovered for some time. There is also an occasional need to utilize wet weather areas for disposal, which the landfill has done, but when this area is abandoned for the normal working face, it must be properly covered, which had not been done. There were also numerous piles of tires, bags of refuse, and litter scattered sporadically throughout the landfill area. Some of these areas of exposed refuse have been noted during past inspections, which is evidence that the required 12 inches of intermediate cover is not fully in place. When there is poor cover, there is litter. When there is litter, uncovered refuse and tires, there is the potential for disease vectors. The actual working face of the landfill was being managed pretty well during this visit. It was small enough to spread compact and cover. Unfortunately, the other areas detract from a well run active area.*

Minor Violations:

ARM 16.14.504(2) There are two types of disposal facilities: Class II and Class III.

(a) Generally, facilities licensed to operate as Class II solid waste management systems are capable of receiving Group II and Group III wastes but not regulated hazardous wastes. Household waste, although it may contain some household hazardous waste or other non-regulated hazardous waste, may be disposed of at Class II landfills.

(b) Facilities licensed as Class III landfills may accept only Group III wastes which are primarily inert wastes.

ARM 16.14.503(1)(b) Group III wastes include wood wastes and non-water soluble solids. Examples include, but are not limited to, the following:

- (i) inert solid waste such as brick, dirt, rock and concrete;
- (ii) wood materials, brush, lumber, and vehicle tires; and
- (iii) industrial mineral wastes which are essentially inert and non-water soluble and do not contain hazardous waste constituents.

Discussion: *Unified licensed a Class III disposal area to specifically handle Group III wastes and reduce the amount of refuse going into the Class II area. Unfortunately, someone has placed Group II waste into the Class III trench. The Class III area should be monitored on a regular basis to make sure that waste that is deposited is appropriate and, if not, it is removed to the Class II area. With the availability of this new Class III area, it should be easier to dispose of tires. With the Class III area available, you should be able to canvas the landfill, remove all tires to the Class III trench, and make sure that it is covered on a quarterly basis.*

Ground Water Monitoring Requirements

Comments: *No violations noted. Last results on file are from September 1994 sampling event.*

Discussion of Violations: While we understand the occasional need to create a dumping area to handle large joint generating construction and demolition debris such as asphalt, it should be done in an area near the working face so that it can be effectively managed and covered at the end of the working day. There were several areas of asphalt that have been removed for some time. There is also an occasional need to utilize wet weather areas for disposal, which the landfill has done, but when this area is abandoned for the normal working face, it must be properly covered, which had not been done. There were also numerous piles of dirt, bags of refuse, and tires scattered sporadically throughout the landfill area. Some of these areas of exposed refuse have been noted during past inspections, which is evidence that the required 15 inches of intermediate cover is not fully in place. When there is poor cover, there is litter. When there is litter, uncovered refuse and tires there is the potential for direct vectors. The normal working face of the landfill was being managed quite well during this visit. It was small enough to prevent contact and cover. Unfortunately, the site was devoid of a well run active area.

Minor Violations:

ARM 16.14.504(2) There are two types of disposal facilities: Class II and Class III. (a) Generally, facilities licensed to operate as Class II solid waste management systems are capable of receiving Group II and Group III wastes but not regulated hazardous waste. Household waste, although it may contain some household hazardous waste or other non-regulated hazardous waste, may be disposed of at Class II facilities.

(b) Facilities licensed as Class III facilities may accept only Group III wastes which are primarily inert wastes.

ARM 16.14.503(1)(b) Group III wastes include wood wastes and non-water soluble solids. Examples include but are not limited to the following:

- (i) inert solid waste such as brick, dirt, rock and concrete;
- (ii) wood materials, brush, lumber, and vehicle tires; and
- (iii) industrial mineral wastes which are essentially inert and non-water soluble and do not contain hazardous waste constituents.

Discussion: Littered located a Class III disposal area to specifically handle Group III wastes and reduce the amount of refuse going into the Class II area. Unfortunately, resources had placed Group II waste into the Class III area. The Class III area should be monitored on a regular basis to make sure that waste that is deposited is appropriate and if not it is removed to the Class II area. With the availability of this new Class III area, it should be easier to dispose of tires. With the Class III area available, you should be able to ensure the landfill remains all times to the Class III area and make sure that it is covered on a quarterly basis.

General Waste Management Requirements

Comments: No violations noted. Last visit on file was from September 1994 sampling event.

Leachate Collection Requirements

Comments: *Progress is being made in this area. Plans for a leachate retention pond are scheduled to be submitted in very near future.*

Burn Pile Management Requirements

Comments: *No violations noted. Facility does not operate a burn pile.*

Regulated Hazardous Waste Detection and Disposal Prevention

Comments: *Although we have no record of a random inspection plan being submitted or approved, Clay did give me a copy of your plan and I will provide review at the earliest opportunity. I did note that the required inspections were being performed, and the records are kept at the landfill.*

Landfill Gas Monitoring

Comments: *No violations noted. Methane wells had been sampled by Barry Damschen in the week prior to my inspection. Report is pending. I ran out of time to follow-up with a test during this inspection, but hope to do so in future inspections.*

Run-on/Run-off Control Requirements

Major Violations: ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

(i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;

(ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

Discussion: *Although compliance with this requirement is over due, progress is being made. We will continue to work with you and your consultant to finalize the details for the west retention pond. I noted that the east pond is built, but that erosion has been a problem. Several erosional cuts and one large slump have started to cave the slopes of the pond. I suggested to Clay that the banks of the pond be stabilized through seeding with desirable vegetation.*

Special Waste Handling

Comments: *I asked Clay to have landfill personnel build a berm surrounding the area designated for landfarming. Currently there are numerous loads of contaminated soils spread out on the ridge north of the active Class II, but the area has become so overgrown with weeds that it is difficult to tell where the soils are. At this point, I suggest removing all contaminated soils that have been in the landfarm area to the working face of the landfill. Then build berms surrounding a sufficient land area to handle your anticipated loads of contaminated soil. The purpose of this is so that operators know where to place incoming soils, it will be easier to know where a particular*

Leachate Collection Requirements

Comments: Progress is being made in this area. Plans for a leachate retention pond are scheduled to be submitted in very near future.

Run Pile Management Requirements

Comments: No violations noted. Facility does not appear to have pile

Revised Hazardous Waste Detection and Disposal Program

Comments: Although we have no record of a random inspection plan being submitted or approved, City did give me a copy of your plan and I will provide review in the future. I did note that the required inspections were being performed and the records are kept in the landfill.

Landfill Gas Monitoring

Comments: No violations noted. Monitoring wells had been installed by Barry Buchanan in the west prior to my inspection. Report is pending. I ran out of time to follow-up with a test during this inspection, but hope to do so in future inspection.

Run-off/Run-off Control Requirements

Major Violation: ARM 10-14-231(1)(i) Owners or operators of all Class II disposal units must design, construct, and maintain:
(i) A run-off control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
(ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

Discussion: Although compliance with this requirement is not the program is being made. We will continue to work with you and your consultant to finalize the details for the water retention pond. I noted that the pond is built, but that erosion has been a problem. Several erosion control and one large sharp have started to cause the slope of the pond. I suggested to City that the pond be stabilized through seeding with suitable vegetation.

Special Waste Handling

Comments: I asked City to have landfill personnel build a berm surrounding the area designated for landfilling. Currently there are numerous loads of contaminated soils spread out on the edge north of the active Class II, but the area has become an emergency with weeds that it is difficult to tell where the soils are. At this point, I suggest removing all contaminated soils that have been in the landfill area in the working face of the landfill. I also would have recommended a sign placed near to handle your anticipated loads of contaminated soil. The purpose of this is to prevent anyone from where to place incoming soils. It will be easier to know where a particular

generator's soils are placed, and the berms will contain run-off from the soils to prevent contaminant migration. The fact that so many weeds are growing on the landfarm indicates that it has not been managed properly. The landfarm area is a treatment component of a solid waste management system and has its own management protocol. If landfarming can not be done properly, then it should not be done at all. If you need help on what is correct, I would be happy to work with you on this matter.

Examination of Operation Records

Comments: *This area of compliance has really improved. I commend Clay and Dick on their efforts. This inspection was the first where we could sit down and examine the necessary documents to perform an inspection. Although a couple of items that are pending completion are not yet filed in the operational record, most of what I needed to look at was present. All that remains to be done is to better organize the files so it will be easy for District Board members, regulators, the public, and landfill personnel to have all information relating to solid waste management activities at our finger tips.*

CLOSING COMMENTS

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order (for the complete law, please refer to the Montana Solid Waste Management Act).

Please be advised that many of the violations noted in this report have been documented in previous inspections without compliance. The Solid Waste Program has a responsibility to the people of Montana to uphold laws and regulations so that Solid Waste Management Systems are run in a manner protective to human health and the environment. We are charged to pursue any means necessary to see that the Unified Disposal District Class II Landfill is operated in a manner consistent with compliance standards.

We realize that running a Solid Waste Management System is difficult and expensive for local governments, districts, and private entities. Our Program is responsible for working with each of these parties in Montana to help them achieve and maintain regulatory compliance. It is encouraging to witness improvement and progress at the Unified Disposal District Landfill. The entrance to the facility is organized and well run. Operational records are better than at any time in the past. Your landfill personnel are well represented at training opportunities, and the ones I have met seem to genuinely care about their jobs. The violations and discussion outlined above are intended to help you recognize where efforts must be made in order to continue to improve and hopefully reach the goal of being totally in compliance. We will assist in any way possible, but ultimately it is your responsibility to see that your operations are consistent with standards. If there are questions concerning this report, please do not hesitate to call or write.

generation's waste are placed and the better will contain them from the waste to prevent contamination migration. The fact that so many waste are growing on the landfill indicates that it has not been managed properly. The landfill was a permanent containment of a solid waste management system and has its own management protocol. If landfilling can not be done properly, then it should not be done at all. If you need help on when it comes, I would be happy to work with you on this matter.

Examination of Operation Records

Comments: This area of compliance has really improved. I commented Clay and Dick on their effort. This inspection was the first where we could sit down and examine the necessary documents to perform an inspection. Although a couple of items that are pending completion are not yet filed in the operational record, most of what I needed to look at was present. All that remains to be done is to better organize the files so it will be easy for District Board members, regulators, the public, and landfill personnel to have all information relating to solid waste management activities in one place.

CLOSING COMMENTS

Section 72-10-117(1) MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order (for the complete law, please refer to the Montana Solid Waste Management Act).

Please be advised that many of the violations noted in this report have been documented in previous inspection without compliance. The Solid Waste Program has a responsibility to the people of Montana to uphold laws and regulations so that Solid Waste Management Systems are run in a manner protective to human health and the environment. We are charged to pursue and ensure necessary to see that the Unified Disposal District Class II Landfill is operated in a manner consistent with compliance standards.

We realize that running a Solid Waste Management System is difficult and expensive for local government, business and private entities. Our Program is responsible for working with each of these parties in Montana to help them achieve and maintain regulatory compliance. It is encouraging to witness improvement and progress at the Unified Disposal District Landfill. The entrance to the facility is organized and well run. Operational records are better than in any time in the past. Four landfill personnel are well represented at a public open house and the area I have not seen to genuinely care about their job. The violations and discussion outlined above are intended to help you recognize where efforts need to be made in order to continue to improve and hopefully reach the goal of being totally in compliance. It's well worth it any way possible, but ultimately it is your responsibility to see that your operations are consistent with standards. If there are questions concerning this report, please do not hesitate to call or write.

Dept. of Health and Environmental Sciences
Solid and Hazardous Waste Bureau
P.O. Box 200901
Cogswell Building
Helena, Montana 59620-0901
(406) 444-1430

Date: 7/25/95
Time of Arrival: 11:00
Time of Departure: 2:00
Total Hours: 3.0

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District License No. 222 389
Solid Waste Management Site/System Description CLASS II LANDFILL
Location EAST 8 HAUNE, South off U.S. 2
Owner UNIFIED DISPOSAL BOARD Phone 265-5481
Address HILL COUNTY COURTHOUSE City HAUNE, MT 59501
Operator CLAY VINCENT Dick Bulman Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present CLAY VINCENT Title R.S.
DEWISE Biggan Title S.I.T.
~~DHS~~ Representative(s) Present Ed Thambke Title ENV. SPECIALIST
Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Areas of Concern
Yes No N/A

1. Operational Records located where? Courthouse & Landfill.
2. Dumping confined to a manageable area? (ARM 16.14.520(4)) ✓
3. Refuse properly covered after each operating day? (ARM 16.14.521(1)(a)) ✓
 - a) Alternative Daily Cover in use? (ARM 16.14.521(1)(a)) ✓
 - b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? (ARM 16.14.521(2)) ✓
5. Daily Spreading and compaction of refuse adequate? (ARM 16.14.521(1)(a)) ✓
6. Depth, spreading, and grading of intermediate cover adequate? (ARM 16.14.521(1)(a)) ✓
7. Final cover on filled areas? (ARM 16.14.530(1)(a)) ✓
8. Rodents and insects controlled? (ARM 16.14.520(7)) ✓
9. Blowing litter controlled? (ARM 16.14.520(6)) ✓
10. Access to site controlled? (ARM 16.14.520(4) and (5)) ✓
 - Sign(s) ✓
 - Gate(s) ✓
 - Fences(s) (ARM 16.14.521(1)(c)) ✓
 - Supervision ✓
11. Approach road properly maintained? (ARM 16.14.505(1)(b)) ✓
12. Solid Waste Management facility equipment visible on-site? ✓
 - a) If so, what kind(s) _____
13. Where refuse containers are utilized, are they maintained and kept in a sanitary manner? (ARM 16.14.521(1)(d)) ✓
 - a) Are they emptied at least once a week? (ARM 16.14.521(1)(d)) ✓
14. Salvaging going on? (ARM 16.14.520(8)) ✓
 - a) Approved salvaging plan on-file with DHES? ✓
15. What method is used to measure waste volumes? (ARM 16.14.521(1)(o)) Trucks & Container Count

a) How often is volume measured? weekly

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Health and Environmental Sciences
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 16.14.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this rule. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 16.14.520(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.520(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.521(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with six inches of a department approved earthen cover material.

ARM 16.14.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part I or this part, a violation of a rule adopted under part I or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 16.14.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, . . . must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 16.14.704(1) The background groundwater quality monitoring well(s) must be located so as to monitor the quality of groundwater representative of the groundwater passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all

NOTES: _____

B. Ground Water Monitoring Requirements

1. Does the facility have an approved monitoring program? (ARM 16.14.701(2))
2. How many wells are in the sampling program? (ARM 16.14.704(1)) 4
3. Are the wells sealed at ground level? (ARM 16.14.705(7)(c))
4. Are the wells locked? (ARM 16.14.705(8))
5. Does the site have a No Migration Petition? (ARM 16.14.714(1))

Areas of Concern
Yes No N/A

| | | |
|---|---|---|
| ✓ | — | — |
| ✓ | — | — |
| — | ✓ | — |

NOTES: G.W. Plan Approved April 5, 95 Last event 10/94 - filed 2/95

C. Leachate Collection Requirements

1. Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (ARM 16.14.506(1)(b))
 - a) What happens to the leachate? _____
 - b) How often is it sampled? _____

Yes No N/A

| | | |
|---|---|---|
| — | ✓ | — |
|---|---|---|

NOTES: Plans to be submitted in 1-2 weeks. East Pond will be done
after ditches complete. West Pond to be done this fall.

D. Burn Pile Management Requirements

1. Does site burn untreated wood waste and is it controlled? (ARM 16.14.520(2))
2. Has an Air Quality Bureau permit been issued? (ARM 16.8.1307(1)(b))
 - a) Will burn be completed within 24 hours? (ARM 16.8.1307(2)(b))
3. Has burn pile been contaminated? (ARM 16.8.1307(1)(b))
 - a) If so, with what? _____

Yes No N/A

| | | |
|---|---|---|
| — | ✓ | — |
| — | — | + |
| — | — | + |

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? (ARM 16.14.521(1)(e))
2. Does the MSWLF perform random inspections? (ARM 16.14.521(1)(e)(i))
 - a) How often? 1x week. Records at landfill.
3. What material is screened? Lead Screened.

Yes No N/A

| | | |
|---|---|---|
| ✓ | — | — |
|---|---|---|

NOTES: No record of Plan Approval, brought copy back.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least two background wells must be installed at facilities where statistics will be utilized for groundwater quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.706.

ARM 16.14.705(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All groundwater monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings or brightly colored posts around any monitoring device.

ARM 16.14.714(1) Groundwater monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 16.14.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 16.14.520(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(1)(b) The department may issue a conditional air quality open burning permit for the disposal of:

- (b) Untreated wood waste at licensed landfill sites

ARM 16.8.1307(2)(b) An air quality open burning permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 16.14.521(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:

- (A) Soil conditions;
- (B) The hydrogeologic conditions surrounding the facility;
- (C) The hydraulic conditions surrounding the facility; and
- (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 16.20.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the National Pollutant Discharge Elimination System as established by the U.S. Environmental Protection Agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

F. Landfill Gas Monitoring

Areas of Concern
Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? (ARM 16.14.521(1)(g)) ✓ — —
2. How many permanent methane monitoring stations does the facility have? 5 — —
3. How many temporary bore holes used? — — —
4. Are all facility buildings tested for methane? ✓ — —
 - a) Which ones? Shop. AIRLINE SHEDS.
 - b) What instrument is used? DANSCHEW DOES ON LOOP
5. How often are they sampled? (ARM 16.14.521(1)(g)(i)) QUARTERLY.
6. Readings reported in percent lower explosion limit (% LEL) for methane, percent volume of explosive gas in air, or in parts per million (ppm) of combustible gases? — ✓ —
7. Department checks conducted on wells? — ✓ —
 - a) Results? —

NOTES: Could NOT find records of methane results. Just did it ran out of time

G. Run-on/Run-off Control Requirements ?

Yes No N/A

1. Does the MSWLF have a run-on control system? (ARM 16.14.521(1)(j)(i)) ✓ — —
2. Does the MSWLF have a run-off control system? (ARM 16.14.521(1)(j)(ii)) working on. ✓ —
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) permit? (ARM 16.20.1301 et. seq.) — ✓ —
 - b) What is its permit number? —

NOTES: EAST Pond built, west Pond Pending.

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site?
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ✓ — —
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ✓ — —
 - c) Are White Goods recycled? ✓ — —
 - d) By whom? Pacific Hides & Fur. ✓ — —
 - e) How often are they removed from site? AS NEEDED. ✓ — —
2. Dead animals accepted?
 - a) If so, does the facility have a special disposal area? ✓ — —
 - b) Where is it located? WORKING TACE — —
3. Is asbestos disposed on-site? NOT ANY MORE. ✓ — —
 - a) If so, is there a special disposal area for it? ✓ — —
 - b) A map available? ✓ — —
 - c) Covered with at least six inches of soil? ✓ — —
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 CFR § 61.154(g)) — — ✓
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? — — ✓
4. Does the site landfarm contaminated soils?
 - a) If so, is it part of the approved operations? ✓ — —
 - b) Where is it located? EAST of CLASS III NORTH of CLASS II ✓ — —

NOTES: Took copy of ACCEPTANCE FORM.

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of 40 CFR § 61.151.

J. Examination of Operation Records

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes . . .

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 *et seq.*;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data of required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall maintain waste shipment records.

40 CFR 61.154(e)(4) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall retain a copy of all records and reports required by this paragraph for at least two years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.405(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through Jun 30 of the subsequent year.

ARM 16.14.405(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of Section 75-10-116, MCA.

K. Additional Questions

ARM 16.14.406(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at the facility to accurately determine the volume accepted.

ARM 16.14.406(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the Department in the annual report specified in ARM 16.14.407.

I. Waste Reduction

Areas of Concern
Yes No N/A

1. Does the facility **recycle**?

a) What is recycled?

Used Oil

Aluminum Cans

Steel Cans/Scrap Metal

Glass

Paper

Batteries (Wet/Dry Cell) *Small Amount.*

Newspaper

Other

b) What is the frequency of removal?

As needed.

c) Where are the recyclables taken?

Pac Hider - on Weissman

2. Does the facility **compost**?

a) What composting method is used?

b) What is composted?

c) What is the compost used for?

d) Is it contaminated?

3. Does the facility have a household hazardous waste collection area?

a) If so, what is collected?

b) How often is the material removed and who removes it?

c) What is the final disposition of the collected material?

NOTES: *Malmstrom selling (used to) PLANS FORMERS w/ oil.*

J. Examination of Operation Records (see ARM 16.14.521(1)(p))

Yes No N/A

1. Does the MSWLF have **weight/volume** records on-site?

2. Are **ground water monitoring** records on-site? (ARM 16.14.707(4))

a) If not, where are they?

Counthouse

b) When were the wells last sampled?

Late '94

c) What was it sampled for?

3. Does the MSWLF have records of **HW screenings**? (ARM 16.14.521(1)(e)(ii))

a) Where are they located?

Landfill

b) Any records of personnel training? (ARM 16.14.521(1)(e)(iii))

4. Does the facility have on-site records of **landfill gas monitoring**?

5. Are **asbestos** waste shipment records maintained? (40 CFR § 61.154(e)(1))

a) Are copies of all required records and reports

retained for 2 years? (40 CFR § 61.154(e)(4))

b) Are records available for inspection? (40 CFR § 61.154(i))

c) Is a map or diagram of the asbestos disposal area being

maintained? (40 CFR § 61.154(f))

6. In regard to **landfills**, are waste shipment records maintained?

a) Is the material typically analyzed?

b) What is the soil tested for?

Depends on generation.

b) What volume of soils are accepted annually?

7. Are **leachate** analysis records stored on-site?

a) If not, where?

Not yet

b) When was the last sampling event?

N.A.D.

Lot 20

Referrals on specimens

1 777 77 717

Countdown

77

Malware - Control (CNC) / Transferring and will

+

Pat Hahn - on specimens

As 4/24/24

Small Animal

1 777 77 717

Areas of Concern
Yes No N/A

- c) What contaminate(s) is the leachate tested for? _____
8. Any location restriction documents? (ARM 16.14.521(1)(p)(i)) ✓
- a) What are they? _____
9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate? (ARM 16.14.521(1)(p)(iv)) —
10. Closure and Post-closure care information on-site? (ARM 16.14.521(1)(p)(vi)) ✓
11. Cost estimates or financial assurance documents on-site? (ARM 16.14.521(1)(p)(vii)) ✓
12. Any information demonstrating compliance with small community exemption? (ARM 16.14.521(1)(p)(viii)) ✓
13. License issued? (ARM 16.14.405(1)) ✓
14. Fees paid? (ARM 16.14.405(1)(b)) ✓

NOTES: _____

K. Additional Questions

1. Does the MSWLF accept out-of-state wastes? Yes No N/A
- a) If so, how much? — ✓ —
2. Are the weight records up to date? (ARM 16.14.406(4)) — — —
3. Has last quarter report and fee payment been submitted to the state? (ARM 16.14.406(3)) — — —
4. Out-of-state waste received from: _____ — — —

ADDITIONAL NOTES AND/OR COMMENTS: SITE CONTINUES TO IMPROVE; HOWEVER, THERE IS POOR COVER ON WET WEATHER PIT & INTERIM COVER. LITTER CONTROL STILL NEEDS IMPROVEMENT, & TINES/REFUSE SHOULD BE PICKED UP & DISPOSED OF APPROPRIATELY. RUN-ON DITCH WILL BE CLEANED OUT SOON. RECOMMEND SEEDING EAST POWER SLOPE AS SOON AS FEASIBLE TO PREVENT EROSION. GOOD DAILY COVER & COMPACTION AT WORKING FACE. NEED TO BEGIN & BETTER ORGANIZE LANDFARM.

100
100
100
100
100

working on my bottom back

Site continues to improve; however, there is
 some concern on wet weather pit & interim cover. Final cover will need
 improvement, & this feature should be picked up & disposed of appropriately.
 (The on French will be cleaned out soon. Reinstating debris last year site
 as soon as feasible to prevent erosion. Good daily cover & maintenance of
 existing face. Need to bring & install original (existing).



100

100

injuries to improve; however, there is
injury control. Little control still needed
the history of a disaster of this magnitude.
T soon becoming serious, last year's
again, could easily cause a continuation of
action otherwise. (unintentional)



7 25 '85



7 25 '85



7 25 '85



7 25 '85

Unified Class II # 222

Working face.

Unified Class II # 222

ACNE AREA FROM D.E.

Plan is to build this area in
left height.

Unified Class II # 222

Class III Reach, some
Campanian present.

Unified Class II # 222

West Retention Pond will be
built at end of road.



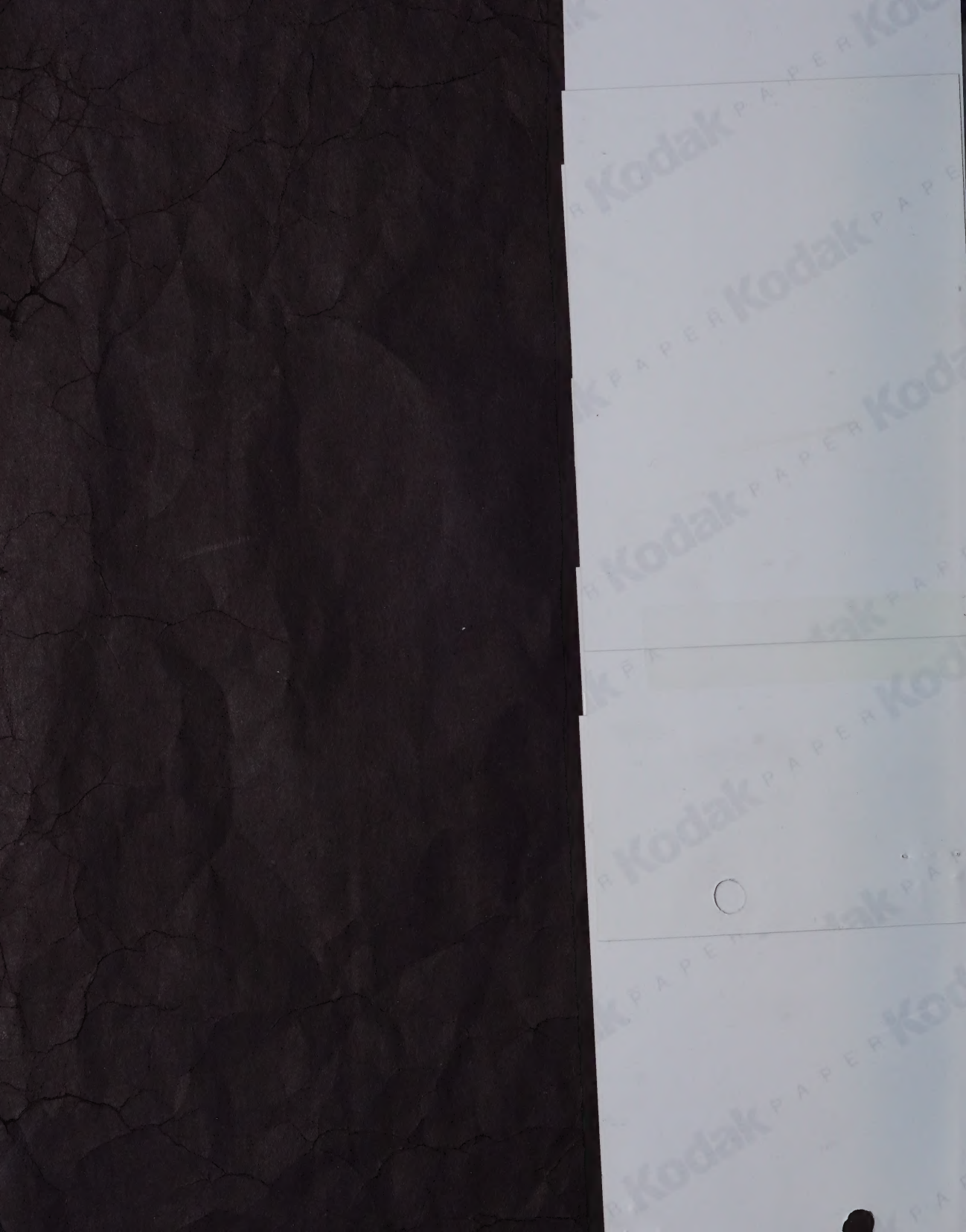








1.23.13



Unified Class II #222

EAST DETENTION Pond from S.W.
HAS had some erosion problems.

Unified Class II #222

PANORAMA of EAST DETENTION
Pond from N.W., Looking where
overflow direction takes into
DIVERSION TRENCH.

ROUTE SLIP

DEPARTMENT OF HEALTH & ENVIRONMENTAL SCIENCES

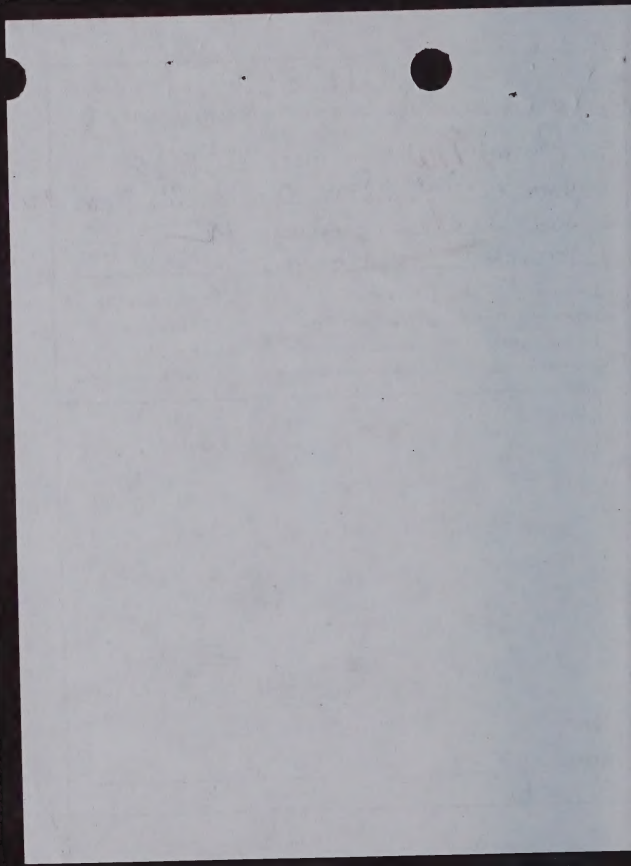
TO: Phooie Mw DATE: 12/8/94

1. Jim W JW & Pat C PC & Carol eu
2. Jon D JD & Kathy K
3. Robert R & Robert R

- | | | |
|--|---|---|
| ☐ Approval | ☐ Comment | ☐ Necessary Action |
| ☐ Note and Return | ☐ Note and File | ☐ Investigate |
| ☐ Prepare reply | ☐ Signature | ☐ See Me |
| ☐ As requested | ☐ For your information | ☐ Per Conversation |

REMARKS:

FROM: PC



DEPARTMENT OF
HEALTH AND ENVIRONMENTAL SCIENCES

Waste Management Division

Solid Waste Program

(406) 444-1430

FAX # (406) 444-1499



STATE OF MONTANA

OFFICE 2209 PHOENIX AVE.
LOCATION: HELENA, MONTANA

MAILING PO BOX 200901
ADDRESS: HELENA, MT 59620-0901

December 15, 1994

Clay Vincent
Unified Disposal Board
Hill County Courthouse
Havre MT 59501

SUBJECT: Unified Disposal District Class II Landfill # 222 Inspection Report

Dear Mr. Vincent:

On November 29, 1994, Edward Thamke and I inspected the subject facility for compliance with the laws and rules governing solid waste disposal in Montana. According to ARM 16.14.526(1), whenever violations of the laws and rules governing solid waste management are noted during the course of an inspection, we are required to notify the operator of the violations observed during the inspection. Enclosed you will find a copy of the on-site observation report we left at the landfill to fulfill the requirements of ARM 16.14.526(1). This report should be considered a warning as allowed for in 75-10-227(4), MCA.

This notice has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Discussion". Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem.

Major violations need immediate correction. If left uncorrected, these problems may result in future action by the Department of Health and Environmental Sciences. Minor violations need prompt attention to prevent them from becoming a major problem. These violations need to be corrected in order to bring your operation into compliance. In the "Discussion" are suggestions or other observations and are not requirements of Department rules. Compliance deadlines are specified under each section as needed.

The goal of inspections is to protect human health and the environment by ensuring compliance with our regulations. We will try to provide any assistance you may need in order to comply. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,

A handwritten signature in dark ink, appearing to read "Phillis Stevens".

Phillis Stevens
Environmental Engineer

c: Marty Dierden, Blaine County Sanitarian, Box 576, Chinook 59523
Bruce W. Richardson, Hill and Blaine Counties Health Officer, 124 13th Ave, Havre
Damschen and Associates, Inc.

Enclosures: Copy of On-Site Observation Form

SOLID WASTE MANAGEMENT SITE/SYSTEM OFFICIAL INSPECTION REPORT

ARM = Administrative Rules of Montana

Department = Montana Department of Health and Environmental Sciences

MSWLF = Municipal solid waste landfill

NESHAP = National Emissions Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 16.14.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violations:

(1) **ARM 16.14.521(1)(a)** All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

Discussion: Portions of the working face were not active. Intermediate cover differs from daily cover in the depth. Intermediate cover techniques have improved but more care needs to be taken that refuse is compacted and covered in such a manner as to minimize blowing debris.

(2) **ARM 16.14.520(6)** Effective means shall be taken to control litter at solid waste storage and disposal facilities.

Discussion: The working face was too large to permit effective control of blowing litter.

Ground Water Monitoring Requirements

Major Violations: **ARM 16.14.701(2)** Compliance with the requirements of this subchapter must be implemented according to the following schedule:

SOIL WASTE MANAGEMENT SYSTEM OFFICIAL INSPECTION REPORT

ARM 16.14.21(1) - Inspection of Landfill
ARM 16.14.21(2) - Inspection of Landfill
ARM 16.14.21(3) - Inspection of Landfill

ARM 16.14.21(4) - Inspection of Landfill
ARM 16.14.21(5) - Inspection of Landfill
ARM 16.14.21(6) - Inspection of Landfill

ARM 16.14.21(1) ENFORCEMENT. If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violations

(1) ARM 16.14.21(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors. The cover material shall be compacted and covered. Alternative daily cover materials such as domestic refuse, clean, blowing litter, and scavenging. Alternative daily cover materials may be used in place of the six inches of approved earth cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved or approved by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earth cover material at least once per week. The operator must demonstrate to the department that the operator's method and frequency of human disease vectors, litter, blowing litter, and scavenging will not pose a threat to human health and the environment. Any portion of a Class II landfill unit that will not pose a threat to human health and the environment shall have an immediate cover of at least one foot of approved earth cover material. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

Discussion: Portions of the working face were not active. Intermediate cover differs from daily cover in the depth. Intermediate cover technique does improve but more work needs to be done that refuse is compacted and covered in such a manner as to minimize blowing debris.

(2) ARM 16.14.21(2) Effective means shall be taken to control litter in solid waste storage and disposal facilities.

Discussion: The working face was too large to permit effective control of blowing litter.

Ground Water Monitoring Results

ARM 16.14.21(3) Compliance with the requirements of this subchapter shall be implemented according to the following schedule.

(a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;

(b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and

(c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 16.14.506(16), must comply with this subchapter according to the following schedule:

(i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;

(ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;

(iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

Discussion: Your groundwater monitoring program has not been approved. Contact Pat Potts (444-1430) to ascertain approval status.

Leachate Collection Requirements

No Violations:

Burn Pile Management Requirements

No Violations: Facility does not burn wood waste.

Regulated Hazardous Waste Detection and Disposal Prevention

Major Violations:

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

(i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;

(ii) Records of any inspections;

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 2,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1995; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARAM 16.14.206(16), must comply with this subchapter according to the following schedule:
- (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
- (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
- (iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

Discussion: Your groundwater monitoring program has not been approved. Contact Pat Paine (444-1430) to ascertain approval status.

Leakage Collection Requirements

No Violations:

Basic Pile Management Requirements

No Violations: Facility does not burn wood waste.

Regulated Hazardous Waste Treatment and Storage Requirements

Major Violations:

- ARAM 16.14.231(1)(c) Owners or operators of all Class II landfills must implement a program at the facility for detecting and preventing the disposal of regulated hazardous waste as non-hazardous waste. This program must include, as a minimum:
- (i) Random inspections of incoming loads within the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous waste or PCB waste;
- (ii) Records of any inspections;

(iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

Discussion: It was understood that the Unified Disposal Board is finalizing plans to deal with regulated substances. Please submit it to the MDHES for review and approval as soon as possible.

Landfill Gas Monitoring

No Violations: Facility has five (5) methane monitoring stations and approved plan.

Run-on/Run-off Control Requirements

Major Violations:

ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

Discussion: The Unified Disposal Board is required to develop a Run-on/Run-off Control Plan for submittal to the MDHES as quickly as possible.

Special Waste Handling

No Violations:

Discussion: Dedicated areas separate from the working face for the disposal of dead animals and asbestos are often used. These are Group II wastes, however, and must be dumped either in a lined cell or on the existing footprint. Additionally, any place where asbestos is dumped must be marked on a map kept for that purpose so that future operators and/or methane control technicians may be away of the hazard. It may be that such a mapping procedure will minimize your future legal and financial liability.

Examination of Operation Records

Major Violations:

(b) Training of facility personnel to recognize regulated hazardous waste and PCB

Discussion: It was understood that the United Disposal Board is finishing plans to deal with regulated substances. Please submit it to the MDHES for review and approval as soon as possible.

Landfill Gas Monitoring

No Violations: Facility has five (5) methane monitoring stations and approved plan.

Run-on/Run-off Control Requirements

Major Violations:

- AFM 1614.521(d) Owners or operators of all Class II disposal units must design, construct and maintain:
- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm.
 - (ii) A run-off control system from the active portion of the landfill to collect and contain at least the water volume resulting from a 24-hour, 25-year storm.

Discussion: The United Disposal Board is required to develop a Run-on/Run-off Control Plan for submission to the MDHES as quickly as possible.

Special Waste Handling

No Violations:

Discussion: Dedicated areas separate from the working face for the disposal of solid materials and asbestos are often used. These are Group II wastes, however, and must be disposed either in a land cell or on the existing footprint. Additionally, any place where asbestos is disposed must be marked on a map kept for that purpose so that future operators and/or methane control technicians may be away of the hazard. It may be that such a mapping procedure will minimize past future legal and financial liability.

Examination of Operation Records

Major Violations:

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption;

Discussion: No records were available for examination. Greater care must be taken to keep operational records in order to define the day-to-day status of the facility. State law requires that these records be kept in an orderly, complete manner, one that is easily reviewed by both the operator, inspectors, and the general public.

f:\shr\swm\unified.3

ARM 16.14.707(d) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

ARM 16.14.521(f)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous waste in unauthorized pipelines (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

CFR 61.154(f) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.521(f)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Any design documentation for construction or the placement of liquids or gas generated in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data received by department ground water monitoring regulations found in ARM 16.14.701 et seq.
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption;

Records: No records were available for examination. Greater care must be taken to keep sectional records in order to define the day-to-day status of the facility. State law requires that records be kept in an orderly, complete manner, one that is easily reviewed to keep the public, inspectors, and the general public.

Date: 11/29/94

Time of Arrival: 8:30

Time of Departure: 10:30

Total Hours: 2.0

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name UNIFIED DISPOSAL DISTRICT License No. 222

Solid Waste Management Site/System Description CLASS II LANDFILL

Location _____

Owner UNIFIED DISPOSAL BOARD Phone 265-5481

Address HILL COUNTY COURTHOUSE City HAVER, MT 59501

Operator CLAY VINCENT DICK BOWMAN Phone 265-5481

Address SDMG City _____, MT _____

Landfill Representative(s) Present Clay Vincent, Marty Diendow Title _____

Dick Bulman Title _____

DHES Representative(s) Present SD Thawke Title Env. Spec.

Phillis Stevens Title Env. Eng.

Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Areas of Concern
Yes No N/A

1. Operational Records located where? SOME AT LANDFILL / SOME AT COURTHOUSE
2. Dumping confined to a manageable area? (ARM 16.14.520(4)) ☒ Yes ☐ No ☐ N/A
3. Refuse properly covered after each operating day? (ARM 16.14.521(1)(a)) ☒ Yes ☐ No ☐ N/A
- a) Alternative Daily Cover in use? (ARM 16.14.521(1)(a)) ☐ Yes ☒ No ☐ N/A
- b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? (ARM 16.14.521(2)) ☒ Yes ☐ No ☐ N/A
5. Daily Spreading and compaction of refuse adequate? (ARM 16.14.521(1)(a)) ☒ Yes ☐ No ☐ N/A
6. Depth, spreading, and grading of intermediate cover adequate? (ARM 16.14.521(1)(a)) GETTING BETTER ☐ Yes ☒ No ☐ N/A
7. Final cover on filled areas? (ARM 16.14.530(1)(a)) ☒ Yes ☐ No ☐ N/A
8. Rodents and insects controlled? (ARM 16.14.520(7)) ☒ Yes ☐ No ☐ N/A
9. Blowing litter controlled? (ARM 16.14.520(6)) ☐ Yes ☒ No ☐ N/A
10. Access to site controlled? (ARM 16.14.520(4) and (5)) ☒ Yes ☐ No ☐ N/A
- Sign(s) ☒ Yes ☐ No ☐ N/A
- Gate(s) ☒ Yes ☐ No ☐ N/A
- Fences(s) (ARM 16.14.521(1)(c)) ☒ Yes ☐ No ☐ N/A
- Supervision ☒ Yes ☐ No ☐ N/A
11. Approach road properly maintained? (ARM 16.14.505(1)(b)) ☒ Yes ☐ No ☐ N/A
12. Solid Waste Management facility equipment visible on-site? ☐ Yes ☐ No ☐ N/A
- a) If so, what kind(s) _____
13. Where refuse containers are utilized, are they maintained and kept in a sanitary manner? (ARM 16.14.521(1)(d)) ☒ Yes ☐ No ☐ N/A
- a) Are they emptied at least once a week? (ARM 16.14.521(1)(d)) ☐ Yes ☒ No ☐ N/A
14. Salvaging going on? (ARM 16.14.520(8)) ☐ Yes ☒ No ☐ N/A
- a) Approved salvaging plan on-file with DHES? ☐ Yes ☐ No ☒ N/A
15. What method is used to measure waste volumes? (ARM 16.14.521(1)(e)) _____

CONTAINER COUNT

a) How often is volume measured? Monthly

Date of Issue and Expiration
 Facility Name
 License No.
 State of New York
 Department of Environmental Conservation
 Division of Solid Waste Management
 Albany, New York 12242-0001
 (518) 474-1130

Date of Issue 11/1/81
 Date of Expiration 10/30/82
 License No. 535

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
 (This is not the Notice of Violation mentioned in Section 16-123, NYS ECL)

Facility Name Union County Landfill License No. 535

Solid Waste Management Site/System Description Class II Landfill

Location

County Union State NC
 Address Highway 100

Phone 252-242

City Union State NC
 Address Highway 100

Phone 252-242

City Union State NC
 Address Highway 100

Landfill Representative(s) Present Bill Smith Title Owner

Other Representative(s) Present Bill Smith Title Owner

Other Representative(s) Present Bill Smith Title Owner

Answer all questions, with N/A if not applicable, please print.

A. General Operational and Maintenance Requirements

Operational Records located where? On-site at landfill

Questionnaire completed to a responsible agent (see 16-123, NYS ECL)
 Records properly covered after each operating day (see 16-123, NYS ECL)

a) Alternative Daily Cover in use? (see 16-123, NYS ECL)
 b) If so, what kind? None

Is a Class III landfill, covered at least quarterly (see 16-123, NYS ECL)
 Daily spreading and compaction of refuse adequate (see 16-123, NYS ECL)

Daily spreading and grading of intermediate cover
 Intermediate cover is adequate (see 16-123, NYS ECL)

Local cover on filled areas (see 16-123, NYS ECL)
 Weeds and insects controlled (see 16-123, NYS ECL)

Electrical fence controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

a) Access to site controlled (see 16-123, NYS ECL)
 b) Access to site controlled (see 16-123, NYS ECL)

Access to site controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

Access to site controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

Access to site controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

Access to site controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

Access to site controlled (see 16-123, NYS ECL)
 Access to site controlled (see 16-123, NYS ECL)

NOTES: _____

B. Ground Water Monitoring Requirements

| | | Areas of Concern | | |
|----|---|------------------|-------|-------|
| | | Yes | No | N/A |
| 1. | Does the facility have an approved monitoring program? (ARM 16.14.701(2)) | _____ | ✓ | _____ |
| 2. | How many wells are in the sampling program? (ARM 16.14.704(1)) | _____ | _____ | _____ |
| 3. | Are the wells sealed at ground level? (ARM 16.14.705(7)(c)) | ✓ | _____ | _____ |
| 4. | Are the wells locked? (ARM 16.14.705(8)) | ✓ | _____ | _____ |
| 5. | Does the site have a No Migration Petition? (ARM 16.14.714(1)) | _____ | ✓ | _____ |

NOTES: _____

C. Leachate Collection Requirements

| | | Yes | No | N/A |
|----|---|-------|-------|-------|
| 1. | Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (ARM 16.14.506(1)(b)) | _____ | ✓ | _____ |
| a) | What happens to the leachate? | _____ | _____ | _____ |
| b) | How often is it sampled? | _____ | _____ | _____ |

NOTES: _____

D. Burn Pile Management Requirements

| | | Yes | No | N/A |
|----|--|-------|-------|-------|
| 1. | Does site burn untreated wood waste and is it controlled? (ARM 16.14.520(2)) | _____ | ✓ | _____ |
| 2. | Has an Air Quality Bureau permit been issued? (ARM 16.8.1307(1)(b)) | _____ | _____ | ✓ |
| a) | Will burn be completed within 24 hours? (ARM 16.8.1307(2)(b)) | _____ | _____ | ✓ |
| 3. | Has burn pile been contaminated? (ARM 16.8.1307(1)(b)) | _____ | _____ | ✓ |
| a) | If so, with what? | _____ | _____ | _____ |

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

| | | Yes | No | N/A |
|----|--|-------|-------|-------|
| 1. | Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? (ARM 16.14.521(1)(e)) | _____ | ✓ | _____ |
| 2. | Does the MSWLF perform random inspections? (ARM 16.14.521(1)(e)(i)) | ✓ | _____ | _____ |
| a) | How often? <u>Is trying a couple of different things</u> | _____ | _____ | _____ |
| 3. | What material is screened? | _____ | _____ | _____ |

NOTES: In process of finalizing plans

NOTES:

Ground Water Monitoring Requirements

Area of Concern
Yes No N/A

1. Does the facility have an approved monitoring program? (see 40 CFR 264.111)
2. How many wells are in the monitoring program? (see 40 CFR 264.111)
3. Are the wells sealed at ground level? (see 40 CFR 264.111)
4. Are the wells locked? (see 40 CFR 264.111)
5. Does the site have a No Migration Facility? (see 40 CFR 264.111)

NOTES:

Leachate Collection Requirements

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (see 40 CFR 264.111)
2. What happens to the leachate?

3. How often is it sampled?

NOTES:

Sludge Management Requirements

Yes No N/A

1. Does the firm transport used waste and is it controlled? (see 40 CFR 264.111)
2. Has an Air Quality Agreement been issued? (see 40 CFR 264.111)
3. Will sludge be transported within 48 hours? (see 40 CFR 264.111)
4. Has sludge been consolidated? (see 40 CFR 264.111)
5. If so, with what?

NOTES:

Regulated Hazardous Waste Detection and Disposal Prevention

Yes No N/A

1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste recycling program as the facility? (see 40 CFR 264.111)
2. Does the waste transfer station inspection see 40 CFR 264.111
3. How often? (see 40 CFR 264.111)
4. What material is released?

NOTES:

40 CFR 264.111

F. Landfill Gas Monitoring

Areas of Concern
Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? (ARM 16.14.521(1)(g)) ☒ Yes ☐ No ☐ N/A
2. How many permanent methane monitoring stations does the facility have? 5
3. How many temporary bore holes used? 5
4. Are all facility buildings tested for methane?
a) Which ones? Shop
- b) What instrument is used?
5. How often are they sampled? (ARM 16.14.521(1)(g)(i))
6. Readings reported in percent lower explosion limit (% LEL) for methane, percent volume of explosive gas in air, or in parts per million (ppm) of combustible gases?
7. Department checks conducted on wells? ☐ Yes ☒ No ☐ N/A
a) Results?

NOTES:

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? (ARM 16.14.521(1)(j)(i)) ☐ Yes ☒ No ☐ N/A
2. Does the MSWLF have a run-off control system? (ARM 16.14.521(1)(j)(ii)) ☐ Yes ☒ No ☐ N/A
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) permit? (ARM 16.20.1301 et. seq.) ☐ Yes ☒ No ☐ N/A
b) What is its permit number?

NOTES:

H. Special Waste Handling

Yes No N/A

1. White goods stored on-site? ☒ Yes ☐ No ☐ N/A
a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ☒ Yes ☐ No ☐ N/A
b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ☒ Yes ☐ No ☐ N/A
c) Are White Goods recycled? ☐ Yes ☐ No ☐ N/A
d) By whom? any one & N/A
e) How often are they removed from site? As needed
2. Dead animals accepted? ☒ Yes ☐ No ☐ N/A
a) If so, does the facility have a special disposal area? ☐ Yes ☒ No ☐ N/A
b) Where is it located? Waste area
3. Is asbestos disposed on-site? ☒ Yes ☐ No ☐ N/A
a) If so, is there a special disposal area for it? ☒ Yes ☒ No ☐ N/A
b) A map available? mark on map when taken ☒ Yes ☐ No ☐ N/A
c) Covered with at least six inches of soil? ☒ Yes ☐ No ☐ N/A
d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 CFR § 61.154(g)) ☐ Yes ☐ No ☒ N/A
e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ☐ Yes ☐ No ☒ N/A
4. Does the site landfarm contaminated soils? ☒ Yes ☐ No ☐ N/A
a) If so, is it part of the approved operations? ☒ Yes ☐ No ☐ N/A
b) Where is it located? East of New Class III

NOTES:

Waste Reduction

| | Yes | No | N/A |
|---|-----|----|-----|
| Does the facility recycle ? <i>white goods / metals</i> | — | — | — |
| a) What is recycled? | — | — | — |
| Used Oil | — | ✓ | — |
| Aluminum Cans | — | ✓ | — |
| Steel Cans/Scrap Metal | — | ✓ | — |
| Glass | — | ✓ | — |
| Paper | — | ✓ | — |
| Batteries (Wet/Dry Cell) | — | ✓ | — |
| Newspaper | — | ✓ | — |
| Other | — | ✓ | — |
| b) What is the frequency of removal? | — | — | — |
| c) Where are the recyclables taken? | — | — | — |
| Does the facility compost ? | — | ✓ | — |
| a) What composting method is used? | — | — | — |
| b) What is composted? | — | — | — |
| c) What is the compost used for? | — | — | — |
| d) Is it contaminated? | — | — | ✓ |
| Does the facility have a household hazardous waste collection area? | — | ✓ | — |
| a) If so, what is collected? | — | — | — |
| b) How often is the material removed and who removes it? | — | — | — |
| c) What is the final disposition of the collected material? | — | — | — |

NOTES: _____

Examination of Operation Records (see ARM 16.14.521(1)(p))

| | Yes | No | N/A |
|---|-----|----|-----|
| Does the MSWLF have weight/volume records on-site? | ✓ | — | — |
| Are ground water monitoring records on-site? (ARM 16.14.707(4)) | — | ✓ | — |
| a) If not, where are they? | — | — | — |
| b) When were the wells last sampled? | — | — | — |
| c) What was it sampled for? | — | — | — |
| Does the MSWLF have records of HW screenings ? (ARM 16.14.521(1)(e)(ii)) | — | ✓ | — |
| a) Where are they located? | — | — | — |
| b) Any records of personnel training? (ARM 16.14.521(1)(e)(iii)) | — | ✓ | — |
| Does the facility have on-site records of landfill gas monitoring ? | — | ✓ | — |
| Are asbestos waste shipment records maintained? (40 CFR § 61.154(e)(1)) | ✓ | — | — |
| a) Are copies of all required records and reports retained for 2 years? (40 CFR § 61.154(e)(4)) | ✓ | — | — |
| b) Are records available for inspection? (40 CFR § 61.154(i)) | ✓ | ✓ | — |
| c) Is a map or diagram of the asbestos disposal area being maintained? (40 CFR § 61.154(f)) | ✓ | — | — |
| In regard to landfills , are waste shipment records maintained? | ✓ | — | — |
| a) Is the material typically analyzed? | — | — | — |
| b) What is the soil tested for? | — | — | — |
| b) What volume of soils are accepted annually? | — | — | — |
| Are leachate analysis records stored on-site? | — | ✓ | — |
| a) If not, where? | — | — | — |
| b) When was the last sampling event? | — | — | — |

c) What contaminate(s) is the leachate tested for? _____

- | | | | |
|---|---|---|---|
| 8. Any location restriction documents? (ARM 16.14.521(1)(p)(i)) | — | ✓ | — |
| a) What are they? _____ | | | |
| 9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate? (ARM 16.14.521(1)(p)(iv)) | — | ✓ | — |
| 10. Closure and Post-closure care information on-site? (ARM 16.14.521(1)(p)(vi)) | — | ✓ | — |
| 11. Cost estimates or financial assurance documents on-site? (ARM 16.14.521(1)(p)(vii)) | — | ✓ | — |
| 12. Any information demonstrating compliance with small community exemption? (ARM 16.14.521(1)(p)(viii)) | — | ✓ | — |
| 13. License issued? (ARM 16.14.405(1)) | ✓ | — | — |
| 14. Fees paid? (ARM 16.14.405(1)(b)) | ✓ | — | — |

NOTES: _____

K. Additional Questions

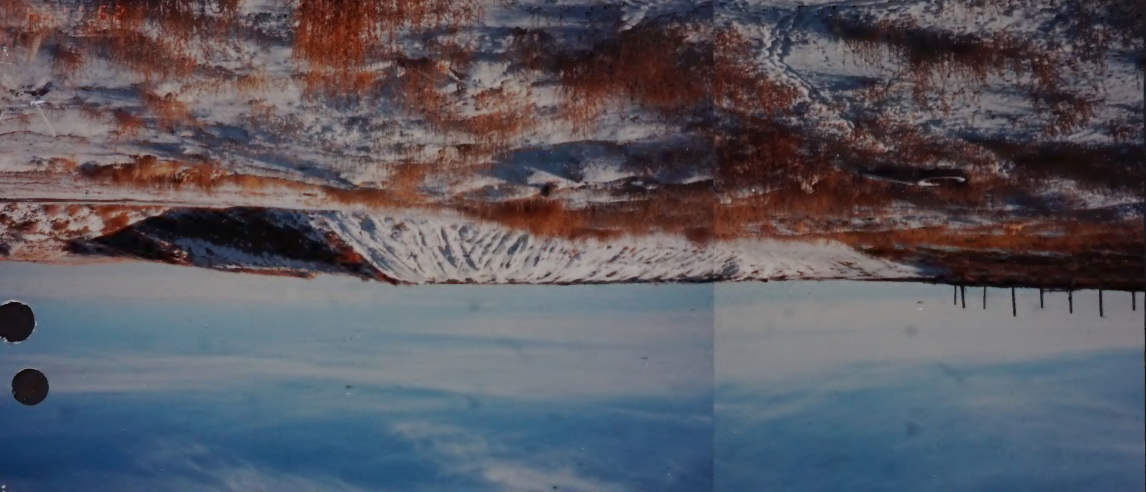
- | | | | |
|--|-----|----|-----|
| 1. Does the MSWLF accept out-of-state wastes? | Yes | No | N/A |
| a) If so, how much? _____ | — | ✓ | — |
| 2. Are the weight records up to date? (ARM 16.14.406(4)) | — | — | ✓ |
| 3. Has last quarter report and fee payment been submitted to the state? (ARM 16.14.406(3)) | — | — | ✓ |
| 4. Out-of-state waste received from: _____ | | | |

ADDITIONAL NOTES AND/OR COMMENTS: _____



Unified Disposal

Improve Durium Given
on East Side.



Unifire Disposal District

Improved erosion cover
on S.E. corner



Unified Disposal District

Working FACE & Active Area

Working EAST

Unified Disposal

Working FACE

Unified Disposal District

NEW CONTAINERS AT GATE

Date: 11/29/94

Time of Arrival: 8:30

Time of Departure: 10:30

Total Hours: 2.0

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name UNIFIED DISPOSAL DISTRICT License No. 222

Solid Waste Management Site/System Description CLASS II LANDFILL

Location _____

Owner UNIFIED DISPOSAL BOARD Phone 265-5481

Address HILL COUNTY COURTHOUSE City HAVER, MT 59501

Operator CLAY VINCENT DICK BOWMAN Phone 265-5481

Address SOME City _____, MT _____

Landfill Representative(s) Present Clay Vincent, Marty Drenden Title _____

Dick Bulman Title _____

DHES Representative(s) Present Ed Thumke Title Env. Spec.

Phillis Stevens Title Env. Eng.

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Areas of Concern
Yes No N/A

1. Operational Records located where? SOME AT LANDFILL / SOME AT COURTHOUSE
2. Dumping confined to a manageable area? (ARM 16.14.520(4)) ☒ Yes ☐ No ☐ N/A
3. Refuse properly covered after each operating day? (ARM 16.14.521(1)(a)) ☒ Yes ☐ No ☐ N/A
 - a) Alternative Daily Cover in use? (ARM 16.14.521(1)(a)) ☐ Yes ☒ No ☐ N/A
 - b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? (ARM 16.14.521(2)) ☒ Yes ☐ No ☐ N/A
5. Daily Spreading and compaction of refuse adequate? (ARM 16.14.521(1)(a)) ☒ Yes ☐ No ☐ N/A
6. Depth, spreading, and grading of intermediate cover adequate? (ARM 16.14.521(1)(a)) BETTER ☐ Yes ☒ No ☐ N/A
7. Final cover on filled areas? (ARM 16.14.530(1)(a)) ☒ Yes ☐ No ☐ N/A
8. Rodents and insects controlled? (ARM 16.14.520(7)) ☒ Yes ☐ No ☐ N/A
9. Blowing litter controlled? (ARM 16.14.520(6)) ☐ Yes ☒ No ☐ N/A
10. Access to site controlled? (ARM 16.14.520(4) and (5)) ☒ Yes ☐ No ☐ N/A
 - Sign(s) ☒ Yes ☐ No ☐ N/A
 - Gate(s) ☒ Yes ☐ No ☐ N/A
 - Fences(s) (ARM 16.14.521(1)(c)) ☒ Yes ☐ No ☐ N/A
 - Supervision ☒ Yes ☐ No ☐ N/A
11. Approach road properly maintained? (ARM 16.14.505(1)(b)) ☒ Yes ☐ No ☐ N/A
12. Solid Waste Management facility equipment visible on-site? ☒ Yes ☐ No ☐ N/A
 - a) If so, what kind(s) _____
13. Where refuse containers are utilized, are they maintained and kept in a sanitary manner? (ARM 16.14.521(1)(d)) ☒ Yes ☐ No ☐ N/A
 - a) Are they emptied at least once a week? (ARM 16.14.521(1)(d)) ☒ Yes ☐ No ☐ N/A
14. Salvaging going on? (ARM 16.14.520(8)) ☐ Yes ☒ No ☐ N/A
 - a) Approved salvaging plan on-file with DHES? ☐ Yes ☐ No ☒ N/A
15. What method is used to measure waste volumes? (ARM 16.14.521(1)(o)) _____

CONTAINER COUNT

a) How often is volume measured? Monthly

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana
Department = Montana Department of Health and Environmental Sciences
MSWLF = Municipal solid waste landfill
NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register
MCA = Montana Code Annotated
MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 16.14.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this rule. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 16.14.520(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.520(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.521(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with six inches of a department approved earthen cover material.

ARM 16.14.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion. . . .

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 16.14.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, . . . must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 16.14.704(1) The background groundwater quality monitoring well(s) must be located so as to monitor the quality of groundwater representative of the groundwater passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all

NOTES: _____

B. Ground Water Monitoring Requirements

| | | Areas of Concern | | |
|----|---|-------------------------------------|-------------------------------------|-------|
| | | Yes | No | N/A |
| 1. | Does the facility have an approved monitoring program? (ARM 16.14.701(2)) | _____ | ☒ | _____ |
| 2. | How many wells are in the sampling program? (ARM 16.14.704(1)) | _____ | _____ | _____ |
| 3. | Are the wells sealed at ground level? (ARM 16.14.705(7)(c)) | ☒ | _____ | _____ |
| 4. | Are the wells locked? (ARM 16.14.705(8)) | ☒ | _____ | _____ |
| 5. | Does the site have a No Migration Petition? (ARM 16.14.714(1)) | _____ | ☒ | _____ |

NOTES: _____

C. Leachate Collection Requirements

| | | Areas of Concern | | |
|----|---|------------------|-------------------------------------|-------|
| | | Yes | No | N/A |
| 1. | Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (ARM 16.14.506(1)(b)) | _____ | ☒ | _____ |
| a) | What happens to the leachate? _____ | _____ | _____ | _____ |
| b) | How often is it sampled? _____ | _____ | _____ | _____ |

NOTES: _____

D. Burn Pile Management Requirements

| | | Areas of Concern | | |
|----|--|------------------|-------------------------------------|-------------------------------------|
| | | Yes | No | N/A |
| 1. | Does site burn untreated wood waste and is it controlled? (ARM 16.14.520(2)) | _____ | ☒ | _____ |
| 2. | Has an Air Quality Bureau permit been issued? (ARM 16.8.1307(1)(b)) | _____ | _____ | ☒ |
| a) | Will burn be completed within 24 hours? (ARM 16.8.1307(2)(b)) | _____ | _____ | ☒ |
| 3. | Has burn pile been contaminated? (ARM 16.8.1307(1)(b)) | _____ | _____ | ☒ |
| a) | If so, with what? _____ | _____ | _____ | _____ |

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

| | | Areas of Concern | | |
|----|--|-------------------------------------|-------------------------------------|-------|
| | | Yes | No | N/A |
| 1. | Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? (ARM 16.14.521(1)(e)) | _____ | ☒ | _____ |
| 2. | Does the MSWLF perform random inspections? (ARM 16.14.521(1)(e)(i)) | ☒ | _____ | _____ |
| a) | How often? <u>Is trying a couple of different things</u> | _____ | _____ | _____ |
| 3. | What material is screened? _____ | _____ | _____ | _____ |

NOTES: In process of finalizing plans

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least two background wells must be installed at facilities where statistics will be utilized for groundwater quality evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.706.

ARM 16.14.705(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All groundwater monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings or brightly colored posts around any monitoring device.

ARM 16.14.714(1) Groundwater monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 16.14.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 16.14.520(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(1)(b) The department may issue a conditional air quality open burning permit for the disposal of:

- (b) Untreated wood waste at licensed landfill sites

ARM 16.8.1307(2)(b) An air quality open burning permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 16.14.521(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 16.20.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the National Pollutant Discharge Elimination System as established by the U.S. Environmental Protection Agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

F. Landfill Gas MonitoringAreas of Concern
Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? (ARM 16.14.521(1)(g)) ✓ — —
2. How many permanent methane monitoring stations does the facility have? 5 — —
3. How many temporary bore holes used? — — —
4. Are all facility buildings tested for methane?
a) Which ones? Shep. — — —
b) What instrument is used? —
5. How often are they sampled? (ARM 16.14.521(1)(g)(i)) — — —
6. Readings reported in percent lower explosion limit (% LEL) for methane, percent volume of explosive gas in air, or in parts per million (ppm) of combustible gases? — ✓ —
7. Department checks conducted on wells?
a) Results? — — —

NOTES: —**G. Run-on/Run-off Control Requirements**

Yes No N/A

1. Does the MSWLF have a run-on control system? (ARM 16.14.521(1)(j)(i)) — ✓ —
2. Does the MSWLF have a run-off control system? (ARM 16.14.521(1)(j)(ii)) — ✓ —
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) permit? (ARM 16.20.1301 et. seq.) — ✓ —
b) What is its permit number? —

NOTES: —**H. Special Waste Handling**

Yes No N/A

1. **White goods** stored on-site?
a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ✓ — —
b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ✓ — —
c) Are White Goods recycled? — — —
d) By whom? bug out & h.d. — —
e) How often are they removed from site? As needed. — —
2. **Dead animals** accepted?
a) If so, does the facility have a special disposal area? ✓ — —
b) Where is it located? working face — —
3. Is **asbestos** disposed on-site?
a) If so, is there a special disposal area for it? ✓ — —
b) A map available? mark on map when taken ✓ —
c) Covered with at least six inches of soil? ✓ — —
d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 CFR § 61.154(g)) — — ✓
e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? — — ✓
4. Does the site **landfarm contaminated soils**? ✓ — —
a) If so, is it part of the approved operations? ✓ — —
b) Where is it located? East of New Class III — —

NOTES: —

ERL NAS

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of 40 CFR § 61.151.

J. Examination of Operation Records

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 *et. seq.*;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data of required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall maintain waste shipment records.

40 CFR 61.154(e)(4) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall retain a copy of all records and reports required by this paragraph for at least two years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.405(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through Jun 30 of the subsequent year.

ARM 16.14.405(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of Section 75-10-116, MCA.

K. Additional Questions

ARM 16.14.406(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at the facility to accurately determine the volume accepted.

ARM 16.14.406(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the Department in the annual report specified in ARM 16.14.407.

I. Waste Reduction1. Does the facility **recycle**?*white Goods / metals*

a) What is recycled?

Used Oil

Aluminum Cans

Steel Cans/Scrap Metal

Glass

Paper

Batteries (Wet/Dry Cell)

Newspaper

Other

b) What is the frequency of removal?

c) Where are the recyclables taken?

2. Does the facility **compost**?

a) What composting method is used?

b) What is composted?

c) What is the compost used for?

d) Is it contaminated?

3. Does the facility have a household hazardous waste collection area?

a) If so, what is collected?

b) How often is the material removed and who removes it?

c) What is the final disposition of the collected material?

NOTES:

J. Examination of Operation Records (see ARM 16.14.521(1)(p))1. Does the MSWLF have **weight/volume** records on-site?2. Are **ground water monitoring** records on-site? (ARM 16.14.707(4))

a) If not, where are they?

b) When were the wells last sampled?

c) What was it sampled for?

3. Does the MSWLF have records of **HW screenings**? (ARM 16.14.521(1)(e)(iii))

a) Where are they located?

b) Any records of personnel training? (ARM 16.14.521(1)(e)(iii))

4. Does the facility have on-site records of **landfill gas monitoring**?5. Are **asbestos** waste shipment records maintained? (40 CFR § 61.154(e)(1))

a) Are copies of all required records and reports

retained for 2 years? (40 CFR § 61.154(e)(4))

b) Are records available for inspection? (40 CFR § 61.154(i))

c) Is a map or diagram of the asbestos disposal area being

maintained? (40 CFR § 61.154(f))

6. In regard to **landfills**, are waste shipment records maintained?

a) Is the material typically analyzed?

b) What is the soil tested for?

b) What volume of soils are accepted annually?

7. Are **leachate** analysis records stored on-site?

a) If not, where?

b) When was the last sampling event?

Areas of Concern
Yes No N/A

— — —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

— — —

— — —

Yes No N/A

✓ — —

— ✓ —

— ✓ —

— ✓ —

— ✓ —

✓ — —

✓ — —

✓ — —

✓ — —

✓ — —

✓ — —

— — —

— — —

— — —

— — —

— — —

— — —

— — —

— — —

c) What contaminate(s) is the leachate tested for? _____

8. Any **location restriction** documents? (ARM 16.14.521(1) (p) (i))
a) What are they? _____

— ☒ —

9. Any MSWLF unit design documentation for the construction or placement of **leachate or gas condensate**? (ARM 16.14.521(1) (p) (iv))

— ☒ —

10. **Closure and Post-closure care** information on-site? (ARM 16.14.521(1) (p) (vi))

— ☒ —

11. **Cost estimates or financial assurance** documents on-site? (ARM 16.14.521(1) (p) (vii))

— ☒ —

12. Any information demonstrating compliance with **small community exemption**? (ARM 16.14.521(1) (p) (viii))

— ☒ —

13. License issued? (ARM 16.14.405(1))

☒ — —

14. Fees paid? (ARM 16.14.405(1) (b))

☒ — —

NOTES: _____

K. Additional Questions

1. Does the MSWLF accept out-of-state wastes?

Yes No N/A

— ☒ —

a) If so, how much? _____

2. Are the weight records up to date? (ARM 16.14.406(4))

— — ☒

3. Has last quarter report and fee payment been submitted to the state? (ARM 16.14.406(3))

— — ☒

4. Out-of-state waste received from: _____

ADDITIONAL NOTES AND/OR COMMENTS: _____

1. The Commission on the Status of Women

2. The Commission on the Status of Women

3. The Commission on the Status of Women

4. The Commission on the Status of Women

5. The Commission on the Status of Women

6. The Commission on the Status of Women

7. The Commission on the Status of Women

8. The Commission on the Status of Women

9. The Commission on the Status of Women

10. The Commission on the Status of Women

11. The Commission on the Status of Women

12. The Commission on the Status of Women

13. The Commission on the Status of Women

14. The Commission on the Status of Women

15. The Commission on the Status of Women

16. The Commission on the Status of Women

17. The Commission on the Status of Women

18. The Commission on the Status of Women

19. The Commission on the Status of Women

20. The Commission on the Status of Women

21. The Commission on the Status of Women

22. The Commission on the Status of Women

23. The Commission on the Status of Women

24. The Commission on the Status of Women

25. The Commission on the Status of Women

26. The Commission on the Status of Women

27. The Commission on the Status of Women

DEPARTMENT OF
HEALTH AND ENVIRONMENTAL SCIENCES

Waste Management Division
Solid Waste Program
406/444-1430

FAX # (406) 444-1499



STATE OF MONTANA

OFFICE 2209 PHOENIX AVE.
LOCATION: HELENA, MONTANA

MAILING PO BOX 200901
ADDRESS: HELENA, MT 59620-0901

August 24, 1994

Unified Disposal District Board
Hill County Courthouse
Havre, MT 59501

SUBJECT: Unified Disposal District Class II #222 Inspection Report

Dear Board Members:

On August 8, 1994, I inspected the subject facility for compliance with the rules and regulations governing solid waste disposal in Montana. Enclosed you will find a copy of the on-site observation report and the official Inspection Report.

The Inspection Report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has then been further divided into "Major Violations", "Minor Violations", and "Comments". Under the appropriate category, I have quoted the rule or regulation which was violated and an explanation of the specific problem. Major violations need immediate correction. If left uncorrected, these problems may result in further action by the Department of Health and Environmental Sciences. Minor violations need prompt attention to prevent them from becoming a major problem. These violations need to be corrected in order to bring your operation into compliance.

We want to help you get your landfill into compliance, and will try to provide any assistance you may need to do so. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Sincerely,

A handwritten signature in dark ink, appearing to read "E. Thamke".

Edward A. Thamke
Solid Waste Program

c: Clay Vincent, R.S. Hill County Health Dept., Courthouse, 315 4th St., Havre, 59501
Bruce Richardson, M.D., 124 13th Ave., Havre, MT 59501

Enclosures: Official Inspection Report, Board Only-Copy of On-Site Observation Form,
Guidance for Run-on/Run-off, 2 Photographs Documenting Litter Problem.

DEPARTMENT OF
HEALTH AND ENVIRONMENTAL SCIENCES

Waste Management Division
Solid Waste Program
900/444-1470



STATE OF MONTANA

DATE: 08/14/1991
TO: HALL COUNTY, MONTANA

FROM: WASTE MANAGEMENT DIVISION
SOLID WASTE PROGRAM

August 14, 1991

United Disposal District Board
Hall County Courthouse
Havre, MT 59501

SUBJECT: United Disposal District Class II 9021 Inspection Report

Dear Board Members:

On August 8, 1991, I inspected the subject facility for compliance with the rules and regulations governing solid waste disposal in Montana. Enclosed you will find a copy of the on site observation report and the official inspection report.

The inspection report has been separated into various sections, such as General Operation and Maintenance Plan and Ground Water Monitoring Requirements. Each section has been further divided into "Major Violations", "Minor Violations", and "Comments". Under the appropriate category, I have given the rule or regulation which was violated and an explanation of the specific problem. Where violations need immediate correction, I have indicated. Where problems require further action by the Department of Health and Environmental Sciences, Minor Violations need further attention to prevent them from becoming a major problem. These violations need to be corrected in order to bring your operation into compliance.

We want to help you get your landfill into compliance, and will try to provide any assistance you may need to do so. Thank you for your cooperation in this matter and please do not hesitate to contact this office if you have any questions or comments.

Respectfully,

Richard A. Thomas
Solid Waste Program

cc: The Honorable, S.S. Hall County Health Board, Courthouse, 1st St. N., Havre, MT 59501
cc: The Honorable, W.P. 1st Dist. Rep., Havre, MT 59501

cc: Montana Department of Health and Environmental Sciences, 1000 N. 1st St., Helena, MT 59601
cc: Montana Department of Health and Environmental Sciences, 1000 N. 1st St., Helena, MT 59601

SOLID WASTE MANAGEMENT SITE/SYSTEM OFFICIAL INSPECTION REPORT

ARM = Administrative Rules of Montana

Department = Montana Department of Health and Environmental Sciences

MSWLF = Municipal solid waste landfill

NESHAP = National Emissions Standards for Hazardous Air Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

ARM 16.14.526(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

Major Violations: ARM 16.14.520(6), ARM 16.14.521(1)(a)

Minor Violations: ARM 16.14.520(7)

Comments: The ON-SITE OBSERVATION FORM indicates that litter was being controlled. This refers to off-site litter which was not too bad. On the facility area litter was very bad. It has accumulated along the fence rows, and throughout the disposal areas. I have enclosed duplicate photographs of the problem to illustrate this point. It has gotten to the point where this accumulation could provide safe harbor for skunks and disease carrying rodents, which is also a violation. We realize the winds that roar through your area, but many landfills in Montana have to deal with wind. A serious effort needs to be extended on your part to clean-up, and keep the site free of litter.

The other major violation noted during this inspection was lack of intermediate cover (12") on areas not utilized within 90 days of being an active disposal site. I talked to Dick Bulman about this and he has promised to correct this. The Board should be supportive of all efforts to maintain compliance with state and federal requirements and assist in any manner necessary to get the work done. (i.e., litter pickers, extra equipment and man hours, cover material, . . .)

The following citations are included for your reference, violations are noted by an *.

ARM 16.14.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather;

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

SOLID WASTE MANAGEMENT STATE/EXEMPT OFFICIAL INSPECTION REPORT

ARM - Department of Environmental Protection
ARM - Division of Environmental Protection
ARM - Division of Environmental Protection
ARM - Division of Environmental Protection

ARM - Division of Environmental Protection
ARM - Division of Environmental Protection
ARM - Division of Environmental Protection
ARM - Division of Environmental Protection

ARM 16.14.520(1) ENFORCEMENT If after an inspection the department determines that violation of the act or this subchapter is occurring, it shall notify the licensee of the nature of the violation.

General Operational and Maintenance Requirements

ARM 16.14.520(6) ARM 16.14.520(1)(a)

ARM 16.14.520(7)

Comments: The ON-SITE OBSERVATION FORM indicates that litter was being removed. This refers to off-site litter which was not too bad. On the facility itself there was very bad. It was accumulated along the fence rows and throughout the disposal area. I took several photographs of the problem to illustrate this point. It was evident to the public when this recommendation could provide safe harbor for clients and licensees carrying out this violation. We realize the waste that has been through your hands, but many facilities in Montana have to deal with wind. A serious effort needs to be made on your part to clean up, and keep the site free of litter.

The other major violation noted during this inspection was lack of intermediate cover (11) on areas not buried within 90 days of being an active disposal site. I talked to Dick Nelson about this and he has promised to correct this. The Board should be supportive of all efforts to maintain compliance with state and federal requirements and waste in any manner necessary to get the work done (i.e., limit pickets, extra equipment and man hours over material).

The following citations are included for your reference, violations are noted by an *

ARM 16.14.520(1)(b) Where public use or view would be compromised, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this subchapter. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems shall control public access and prevent unauthorized vehicles, traffic and illegal dumping of wastes by using physical barriers, natural barriers, or both, as appropriate to protect human health and the environment.

***ARM 16.14.520(6)** Effective means shall be taken to control litter at solid waste storage and disposal facilities.

***ARM 16.14.520(7)** Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. *Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. (emphasis added) These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.521(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earthen cover material.

*ARM 16.14.520(e) Effective means shall be taken to control dust at solid waste storage and disposal facilities.

*ARM 16.14.520(f) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(g) Storing of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least 6 inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, flies, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabric, foam, compost, or other materials may be used in place of the six inches of approved earth cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provision for the application of six inches of approved earth cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, flies, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. *Any portion of a Class II landfill that will not receive additional waste within 90 days must have an interlocking cover of at least six feet in approved earth material (emphasis added). These steps must be taken when the department is satisfied that the location has shown good cause for not covering.

ARM 16.14.521(b) Landfills must be located to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(c) Where transfer stations are utilized as part of a management system for Class II solid waste, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(d) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(e) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with 6 inches of a department approved earth cover material.

ARM 16.14.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion.

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order (for the complete law, please refer to the Montana Solid Waste Management Act).

Ground Water Monitoring Requirements

Major Violations: ARM 16.14.701(2)

Comments: It was my understanding that UDD had an approved ground water monitoring network. Upon verifying this in your files I discovered that the network has not yet been approved by our Program. I urge that you and your consultant continue to work with Pat Potts to seek a resolution on this requirement.

***ARM 16.14.701(2)** Compliance with the requirements of this subchapter must be implemented according to the following schedule:

(a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;

(b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and

(c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, except those meeting the requirements of ARM 16.14.506(16), must comply with this subchapter according to the following schedule:

(i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;

(ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;

ARM 16.14.506(1)(e) Owners or operators of all Class II landfills must install a final cover system that is designed to minimize infiltration and erosion.

Section 12.14.511(1) MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 12.14.517(1) MCA (MSWMA) When the department believes that a violation of part 1 or this part is a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. For the complete law, please refer to the Montana Solid Waste Management Act.

Ground Water Monitoring Requirements

Major Violations: ARM 16.14.701(2)

Comments: It was my understanding that UDD had an approved ground water monitoring network. Upon verifying this in your files I discovered that the network has not yet been approved by our Program. I urge that you and your consultant continue to work with Pat Potts to seek a resolution on this requirement.

*ARM 16.14.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit.
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 2,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1997, and:
- (i) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,000 persons or less, except those meeting the requirements of ARM 16.14.506(1d), must comply with this subchapter according to the following schedule:
- (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1997.
- (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1997.

(iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 16.14.704(1) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all facilities. At least two background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.706.

ARM 16.14.705(7)(e) All monitoring wells must be constructed:

(c) with grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of brightly colored posts around any monitoring device.

ARM 16.14.714(1) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

Leachate Collection Requirements

Comments: Although this is not required as long as you stay on the existing footprint, there is an opportunity to plan for a leachate collection system during the development of the run-off control detention pond. It would be an environmentally sound thing to do.

ARM 16.14.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

(b) With a composite liner and a leachate collection system

Burn Pile Management Requirements

Comments: Site does not have a burn pile.

(iii) Existing Class II disposal units and related equipment greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1990.

ARM 16.14.704(i) The background ground water quality monitoring well(s) must be located so as to monitor the quality of ground water representative of the ground water passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all facilities. At least two background wells must be installed at facilities where statistics will be utilized for ground water quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.708.

ARM 16.14.705(7)(c) All monitoring wells must be constructed (c) with grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All ground water monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective cover casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings of tightly closed pots around any monitoring device.

ARM 16.14.714(i) Ground water monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

Leachate Collection Requirements

Comment: Although this is not required as long as you say on the existing footprint there is an opportunity to plan for a leachate collection system during the development of the run-off control detention pond. It would be an environmentally sound thing to do.

ARM 16.14.506(1)(b) New Class II landfill units and related equipment must be constructed (b) With a composite liner and a leachate collection system.

Run Pile Management Requirements

Comment: Site does not have a run pile.

Regulated Hazardous Waste Detection and Disposal Prevention

Major Violation: ARM 16.14.521(1)(e)

Comments: Random inspection plans should be included in up-dated operations plan and submitted for Program approval as soon as possible. Random inspections should have been implemented by April 9, 1994.

***ARM 16.14.521(1)(e)** Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

Landfill Gas Monitoring

Comments: Unified Disposal District Methane Monitoring Plan was approved in July, 1994. To date there are no records of sampling events.

Run-on/Run-off Control Requirements

Major Violations: ARM 16.14.521(1)(j)

Comments: Run-on control has been provided. We are anticipating plans for a run-off control detention pond and this requirement should have been in place by April 9, 1994. We realize that there was some initial confusion as to what was required to be managed for run-off control. I have enclosed a guidance document for your information on this subject and urge that you proceed with development of run-off control plans and construction.

***ARM 16.14.521(1)(j)** Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii)** A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 16.20.1301 et seq. The purpose of this subchapter, taken together with subchapter 14, is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the National Pollutant Discharge Elimination System as established by the U.S. Environmental Protection Agency

Special Waste Handling

Comments: Although I did not have time to inspect the white goods pile, and records of CFC removal were not found while inspecting the operational records at the Courthouse, Clay Vincent stated that CFC removal is being documented and the facility is in compliance with this rule. This will be verified on the next inspection.

With regard to the landfarm for petroleum contaminated soils, I approved the operations plan for landfarming but neglected to remind Larry Broere to construct berms for run-on/run-off control. Berms need to be constructed at one foot (1') height around the perimeter of the landfarm area to prevent potential migration of contaminants from the treatment area.

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any class I or class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

(a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR 61.154(g) (NESHAP) Upon closure, comply with all the provisions of 40 CFR 61.151.

Examination of Operation Records

Comments: Larry Broere's departure has created an organization problem for Clay Vincent in being able to put his hands on operational records that need to be inspected during our visits. A designated filing system must be implemented to provided for organization and inspection of each of the following items: all items relating to the general operations at the landfill.

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes;

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 et seq.;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall maintain waste shipment records.

40 CFR 61.154(e)(4) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall retain a copy of all records and reports required by this paragraph for at least two years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

Closing Comments

It is obvious that Larry's departure has left the landfill short-handed in having a person responsible for the day-to-day operations and having a go-to person to keep pushing for the necessary up-dates to meet regulatory compliance. Some of the problems noted during this inspection are historic, some relate to new requirements. All violations and compliance issues must be dealt with on a timely basis. There is a lot of work to be done and the Solid Waste Program intends to be more active in enforcement matters than in the past. We prefer cooperation to resolve non-compliance issues and urge that you contact us if there are any questions as to what is being required of the Unified Disposal District landfill. It is my sincere hope that the landfill is in better shape by your next inspection which will hopefully be this fall.

J.T.

Date: 8/8/94

Time of Arrival: 1:00

Time of Departure: 3:30

Total Hours: 2.5

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM

(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Unified Disposal District - HAUNE License No. 222

Solid Waste Management Site/System Description CLASS II LANDFILL & LAND FARM

Location _____

Owner Unified Disposal District Board Phone 265-5481

Address Hill County Courthouse City HAUNE, MT 59501

Operator _____ Phone _____

Address _____ City _____, MT _____

Landfill Representative(s) Present Clay Vincent, Dick Burman Title R.S.

Manny Dierden Title _____

DHES Representative(s) Present Jo Thumke Title Env. Specialist

Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Areas of Concern
Yes No N/A

1. Operational Records located where? Courthouse
2. Dumping confined to a manageable area? (ARM 16.14.520(4)) ☒
3. Refuse properly covered after each operating day? (ARM 16.14.521(1)(a)) ☒
- a) Alternative Daily Cover in use? (ARM 16.14.521(1)(a)) ☒
- b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? (ARM 16.14.521(2)) ☒
5. Daily Spreading and compaction of refuse adequate? (ARM 16.14.521(1)(a)) ☒
6. Depth, spreading, and grading of intermediate cover adequate? (ARM 16.14.521(1)(a)) ☒ problem
7. Final cover on filled areas? (ARM 16.14.530(1)(a)) ☒
8. Rodents and insects controlled? (ARM 16.14.520(7)) ☒
9. Blowing litter controlled? (ARM 16.14.520(6)) ☒
10. Access to site controlled? (ARM 16.14.520(4) and (5)) ☒
- Sign(s) ☒
- Gate(s) ☒
- Fences(s) (ARM 16.14.521(1)(c)) ☒
- Supervision ☒
11. Approach road properly maintained? (ARM 16.14.505(1)(b)) ☒
12. Solid Waste Management facility equipment visible on-site? ☒
- a) If so, what kind(s) _____
13. Where refuse containers are utilized, are they maintained and kept in a sanitary manner? (ARM 16.14.521(1)(d)) ☒
- a) Are they emptied at least once a week? (ARM 16.14.521(1)(d)) ☒
14. Salvaging going on? (ARM 16.14.520(8)) ☒
- a) Approved salvaging plan on-file with DHES? ☒
15. What method is used to measure waste volumes? (ARM 16.14.521(1)(c)) ☒

CONTAINER / VEHICLE COUNT

a) How often is volume measured? Daily

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA

ARM = Administrative Rules of Montana

Department = Montana Department of Health and Environmental Sciences

MSWLF = Municipal solid waste landfill

NESHAP = National Emission Standards for Hazardous Air Pollutants

CFR = Code of Federal Register

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste Management Act

A. General Operational and Maintenance Requirements

ARM 16.14.505(1)(b) Where public use or year round access is contemplated, access roads and bridges must be capable of supporting loaded vehicles during all types of weather.

ARM 16.14.520(4) Dumping of solid waste must be confined to areas within the disposal facility that can be effectively maintained and operated in accordance with this rule. This must be controlled by supervision, fencing, signs or similar means approved by the department.

ARM 16.14.520(5) Owners or operators of all solid waste management systems must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

ARM 16.14.520(6) Effective means shall be taken to control litter at solid waste storage and disposal facilities.

ARM 16.14.520(7) Owners or operators of all solid waste management systems must prevent or control on-site populations of disease vectors using techniques appropriate for the protection of human health and the environment.

ARM 16.14.520(8) Salvaging of materials at all facilities is expressly prohibited unless the owner or operator demonstrates to the department's satisfaction that it can be done in a manner protective of human health and the environment.

ARM 16.14.521(1)(a) All Class II facilities using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved earth cover material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. Alternative daily cover materials such as geotextile fabrics, foams, compost, or other materials may be used in place of the six inches of approved earthen cover material only when approved by the department. The use of alternative daily cover materials must be done under a plan of operations approved of in advance by the department. The plan of operations for the use of alternative daily cover materials must include provisions for the application of six inches of approved earthen cover material at least once per week. The owner or operator must demonstrate to the department that the alternative material and thickness control disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. Any portion of a Class II landfill unit that will not receive additional waste within 90 days must have an intermediate cover of at least one foot of approved earthen materials. These steps must be taken unless the department is satisfied that the licensee has shown good cause for not covering.

ARM 16.14.521(1)(c) Landfills must be fenced to prevent unauthorized access and must be supervised when open.

ARM 16.14.521(1)(d) Where transfer stations are utilized as part of a management system for Group II solid wastes, all containers must be maintained and kept in a sanitary manner and emptied at least once a week.

ARM 16.14.521(1)(o) Class II landfill facilities must weigh or otherwise accurately record all volumes of waste entering the facility.

ARM 16.14.521(2) Although Class III landfills are not required to cover wastes in disposal areas by earth materials daily, the wastes must be covered at least quarterly with six inches of a department approved earthen cover material.

ARM 16.14.530(1)(a) Owners or operators of all Class II landfill units must install a final cover system that is designed to minimize infiltration and erosion.

Section 75-10-221(1), MCA (MSWMA) . . . no person may dispose of solid waste or operate a solid waste management system without a license from the department.

Section 75-10-227(1), MCA (MSWMA) When the department believes that a violation of part I or this part, a violation of a rule adopted under part I or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order. . . . (For the complete law, please refer to the Montana Solid Waste Management Act.)

B. Ground Water Monitoring Requirements

ARM 16.14.701(2) Compliance with the requirements of this subchapter must be implemented according to the following schedule:

- (a) All new Class II units must be in compliance with this subchapter and initial sampling must be completed before waste can be placed in the unit;
- (b) Existing Class II units and lateral expansions that serve a geographic area with a population of 5,000 or more persons must be in compliance with all requirements of this subchapter and have commenced ground water monitoring by October 9, 1993; and
- (c) Existing Class II disposal units and lateral expansions that serve a geographic area with a population of 4,999 persons or less, . . . must comply with this subchapter according to the following schedule:
 - (i) Existing Class II disposal units and lateral expansions less than one mile from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1994;
 - (ii) Existing Class II disposal units and lateral expansions greater than one mile but less than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1995;
 - (iii) Existing Class II disposal units and lateral expansions greater than two miles from a drinking water intake (surface or subsurface) must be in compliance and have commenced ground water monitoring by October 9, 1996.

ARM 16.14.704(1) The background groundwater quality monitoring well(s) must be located so as to monitor the quality of groundwater representative of the groundwater passing the relevant point of compliance that has not been affected by leakage from the unit. At least one background water quality monitoring well is required at all

NOTES: _____

B. Ground Water Monitoring Requirements

| | Areas of Concern | Yes | No | N/A |
|--|------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the facility have an approved monitoring program? (ARM 16.14.701(2)) | | ☒ | ☐ | ☐ |
| 2. How many wells are in the sampling program? (ARM 16.14.704(1)) | | <u>Sou6</u> | | |
| 3. Are the wells sealed at ground level? (ARM 16.14.705(7)(c)) | | ☒ | ☐ | ☐ |
| 4. Are the wells locked? (ARM 16.14.705(8)) | | ☒ | ☐ | ☐ |
| 5. Does the site have a No Migration Petition? (ARM 16.14.714(1)) | | ☐ | ☒ | ☐ |

NOTES: _____

C. Leachate Collection Requirements

| | Yes | No | N/A |
|--|--------------------------|--------------------------------------|--------------------------|
| 1. Does the municipal solid waste landfill (MSWLF) have a leachate collection program? (ARM 16.14.506(1)(b)) | ☐ | ☒ | ☐ |
| a) What happens to the leachate? | | <u>Runs downhill on into ground.</u> | |
| b) How often is it sampled? | | | |

NOTES: Talked about sample design

D. Burn Pile Management Requirements

| | Yes | No | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does site burn untreated wood waste and is it controlled? (ARM 16.14.520(2)) | ☐ | ☒ | ☐ |
| 2. Has an Air Quality Bureau permit been issued? (ARM 16.8.1307(1)(b)) | ☐ | ☐ | ☒ |
| a) Will burn be completed within 24 hours? (ARM 16.8.1307(2)(b)) | ☐ | ☐ | ☒ |
| 3. Has burn pile been contaminated? (ARM 16.8.1307(1)(b)) | ☐ | ☐ | ☒ |
| a) If so, with what? | | | |

NOTES: _____

E. Regulated Hazardous Waste Detection and Disposal Prevention

| | Yes | No | N/A |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Does the municipal solid waste landfill (MSWLF) have an approved regulated hazardous waste and polychlorinated biphenyl (PCB) waste screening program at the facility? (ARM 16.14.521(1)(e)) | ☐ | ☒ | ☐ |
| 2. Does the MSWLF perform random inspections? (ARM 16.14.521(1)(e)(i)) | ☐ | ☒ | ☐ |
| a) How often? | | | |
| 3. What material is screened? | | | |

NOTES: Putting final touches on plan. Does not currently do it.

F T T

BRIEF SUMMARY OF THE RULES AND REGULATIONS GOVERNING SOLID WASTE DISPOSAL IN MONTANA -- CONTINUED

facilities. At least two background wells must be installed at facilities where statistics will be utilized for groundwater quality data evaluation unless it can be demonstrated to the department's satisfaction that a single well will suffice for the statistical test method chosen for ARM 16.14.706.

ARM 16.14.705(7)(c) All monitoring wells must be constructed:

- (c) With grout or other seal material extended down to within five feet of the zone being monitored.

ARM 16.14.705(8) All groundwater monitoring wells shall have caps to prevent contaminants from entering the monitoring device. All monitoring wells shall have protective outer casings and locking lids. The lids shall be kept locked. The department may require additional protective devices such as rings or brightly colored posts around any monitoring device.

ARM 16.14.714(1) Groundwater monitoring at a facility may be waived by the department if the facility owner or operator can demonstrate there is no potential for hazardous constituents to contaminate the uppermost aquifer.

C. Leachate Collection Requirements

ARM 16.14.506(1)(b) New Class II landfill units and lateral expansions must be constructed:

- (b) With a composite liner and a leachate collection system. . . .

D. Burn Pile Management Requirements

ARM 16.14.520(2) Open burning at all facilities is prohibited unless a permit has been obtained from the department.

ARM 16.8.1307(1)(b) The department may issue a conditional air quality open burning permit for the disposal of:

- (b) Untreated wood waste at licensed landfill sites

ARM 16.8.1307(2)(b) An air quality open burning permit issued under this rule is valid for . . . :

- (b) untreated wood waste at licensed landfill sites -- single burn. A new permit must be obtained for each burn.

E. Regulated Hazardous Waste Detection and Disposal Prevention

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (i) Random inspections of incoming loads unless the owner or operator takes other steps to ensure that incoming loads do not contain regulated hazardous wastes or PCB wastes;
- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

F. Landfill Gas Monitoring

ARM 16.14.521(1)(g) Owners or operators of all Class II landfill units must implement a department approved routine methane monitoring program that ensures that the standards of (f) of this subsection are met and that meets the following requirements:

- (i) The type and frequency of monitoring must be determined based on the following factors:
 - (A) Soil conditions;
 - (B) The hydrogeologic conditions surrounding the facility;
 - (C) The hydraulic conditions surrounding the facility; and
 - (D) The location of facility structures and property boundaries.

G. Run-on/Run-off Control Requirements

ARM 16.14.521(1)(j) Owners or operators of all Class II disposal units must design, construct, and maintain:

- (i) A run-on control system to prevent flow onto the active portion of the landfill during the peak discharge from a 25-year storm;
- (ii) A run-off control system from the active portion of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.

ARM 16.20.1301 et. seq. The purpose of this subchapter . . . is to establish and implement one common system for issuing permits for point sources discharging pollutants into state waters, and is intended to allow the board and department to administer a pollutant discharge permit system which is compatible with the National Pollutant Discharge Elimination System as established by the U.S. Environmental Protection Agency. . . .

H. Special Waste Handling

Clean Air Act of 1990 Effective July 1, 1992, it shall be unlawful for any person, in the course of maintaining, servicing, repairing, or disposing of any appliance or industrial process refrigeration, to knowingly vent or otherwise knowingly release or dispose of any Class I or Class II substance used as a refrigerant in such appliance (or industrial process refrigeration) in a manner which permits such substance to enter the environment.

F. Landfill Gas Monitoring

Areas of Concern
Yes No N/A

1. Does the MSWLF have an approved methane gas monitoring program? (ARM 16.14.521(1)(g)) ✓
2. How many permanent methane monitoring stations does the facility have? four
3. How many temporary bore holes used? _____
4. Are all facility buildings tested for methane? Machine shed.
- a) Which ones? _____
- b) What instrument is used? Have on budget
5. How often are they sampled? (ARM 16.14.521(1)(g)(i)) _____
6. Readings reported in percent lower explosion limit (% LEL) for methane, percent volume of explosive gas in air, or in parts per million (ppm) of combustible gases? _____
7. Department checks conducted on wells? ✓
- a) Results? _____

NOTES: _____

G. Run-on/Run-off Control Requirements

Yes No N/A

1. Does the MSWLF have a run-on control system? (ARM 16.14.521(1)(j)(i)) ✓
2. Does the MSWLF have a run-off control system? (ARM 16.14.521(1)(j)(ii)) ✓
3. Does the site have a Montana Pollutant Discharge Elimination System (MPDES) permit? (ARM 16.20.1301 et. seq.) ✓
- b) What is its permit number? Still figuring what to do

NOTES: w/ Run-off.

H. Special Waste Handling

Yes No N/A

1. **White goods** stored on-site? ✓
 - a) If so, has CFC removal been documented? (Clean Air Act of November 1990) ✓
 - b) Have refrigerator doors been sealed or disabled? (§ 45-8-113(a), MCA) ✓
 - c) Are White Goods recycled? ✓
 - d) By whom? WEISSMAN
 - e) How often are they removed from site? 2-3 years
2. **Dead animals** accepted? ✓
 - a) If so, does the facility have a special disposal area? ✓
 - b) Where is it located? WORKING FACE
3. Is **asbestos** disposed on-site? ✓
 - a) If so, is there a special disposal area for it? ✓
 - b) A map available? ✓
 - c) Covered with at least six inches of soil? 2' ✓
 - d) If closed, has the disposal site operator informed EPA as to the location and amount of waste deposited? (40 CFR § 61.154(g)) ✓
 - e) If closed, has a notification concerning the presence of asbestos waste been placed on the deed to the property? ✓
4. Does the site **landfarm contaminated soils**? ✓
 - a) If so, is it part of the approved operations? ✓
 - b) Where is it located? North of EXISTING AREA I

NOTES: _____

Section 45-8-113(1)(a), MCA (MSWMA) A person commits the offense of creating a hazard if he knowingly:

- (a) discards in any place where it might attract children a container having a compartment of more than 1½ cubic feet capacity and a door or lid that locks or fastens automatically when closed and cannot easily be opened from the inside and fails to remove the door, lid, or locking or fastening device;

40 CFR § 61.154(g) (NESHAP) Upon closure, comply with all the provisions of 40 CFR § 61.151.

J. Examination of Operation Records

ARM 16.14.521(1)(e) Owners or operators of all Class II landfill units must implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes or polychlorinated biphenyls (PCB) wastes. This program must include, at a minimum:

- (ii) Records of any inspections;
- (iii) Training of facility personnel to recognize regulated hazardous waste and PCB wastes

ARM 16.14.521(1)(p) The owner or operator of a Class II disposal unit must record and retain at the facility or at an alternative location approved by the department, an operating record containing the following information as it becomes available:

- (i) Any location restriction demonstration required under this subchapter;
- (ii) Inspection records, training procedures, and notification procedures required under this subchapter;
- (iii) Gas monitoring results from monitoring and any remediation plans required by this subchapter;
- (iv) Any design documentation for construction or the placement of leachate or gas condensate in a landfill unit as required under this subchapter;
- (v) Any demonstration, certification, finding, monitoring, testing, or analytical data required by department ground water monitoring regulations found in ARM 16.14.701 *et. seq.*;
- (vi) Closure and post-closure care plans and any monitoring, testing, or analytical data of required by this subchapter;
- (vii) Any cost estimates and financial assurance documentation required by this subchapter;
- (viii) Any information demonstrating compliance with and approval of the small community exemption; and
- (ix) Any waste quantity records required under this subchapter.

ARM 16.14.707(4) A copy of all plans, reports, studies and other ground water monitoring methods or activities must be supplied to the department and placed in the operating record.

40 CFR 61.154(e)(1) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall maintain waste shipment records.

40 CFR 61.154(e)(4) For all asbestos-containing waste material received, the owner/operator of the MSWLF shall retain a copy of all records and reports required by this paragraph for at least two years.

40 CFR 61.154(f) Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

40 CFR 61.154(i) Furnish upon request and make available during normal business hours for inspection by the Administrator, all records required under this section.

ARM 16.14.405(1) Except as provided in 75-10-214, MCA, no person may dispose of solid waste or operate or maintain a solid waste management system after July 1, 1991 without an operating license from the department. The license period shall be for a base year from July 1 of one year through Jun 30 of the subsequent year.

ARM 16.14.405(1)(b) The department shall mail invoices for license renewal fees to license holders by June 15 of each year. License renewal fees will be calculated in accordance with Table 1, "Annual License Fee Schedule". Any solid waste management facility that does not fit into one of the categories listed in Table 1 shall be assessed fees no greater than major Class II landfill facilities. Payment of renewal fees may be submitted to the department quarterly, with the first payment due on or before July 31 of each base year. Failure to submit payments when due shall subject the license holder to the provisions of Section 75-10-116, MCA.

K. Additional Questions

ARM 16.14.406(3) In addition to the volume based fee specified in (1) of this rule, any person licensed to dispose of or incinerate solid waste shall submit to the department a quarterly fee of \$0.27 per ton of solid waste generated outside Montana and disposed of or incinerated within Montana. All facilities that accept wastes from outside Montana for the purpose of incineration or disposal must weigh the wastes accepted at the facility to accurately determine the volume accepted.

ARM 16.14.406(4) Each facility receiving waste generated outside Montana must record the weights of all out-of-state waste received and such records must be placed in the operating record and must be reported to the Department in the annual report specified in ARM 16.14.407.

I. Waste Reduction

1. Does the facility **recycle**?

limited, may do more when expand.

a) What is recycled?

Used Oil

Aluminum Cans

Steel Cans/Scrap Metal

Glass

Paper

Batteries (Wet/Dry Cell)

Newspaper

Other

b) What is the frequency of removal?

c) Where are the recyclables taken?

2. Does the facility **compost**?

a) What composting method is used?

b) What is composted?

c) What is the compost used for?

d) Is it contaminated?

3. Does the facility have a household hazardous waste collection area?

a) If so, what is collected?

b) How often is the material removed and who removes it?

c) What is the final disposition of the collected material?

NOTES:

J. Examination of Operation Records (see ARM 16.14.521(1)(p))

1. Does the MSWLF have **weight/volume** records on-site?

In Courthouse & on site

2. Are **ground water monitoring** records on-site? (ARM 16.14.707(4))

a) If not, where are they?

Courthouse

b) When were the wells last sampled?

in June

couldn't find records.

c) What was it sampled for?

3. Does the MSWLF have records of **HW screenings**? (ARM 16.14.521(1)(e)(ii))

a) Where are they located?

NOT WRITTEN UP YET.

b) Any records of personnel training? (ARM 16.14.521(1)(e)(iii))

4. Does the facility have on-site records of **landfill gas monitoring**?

Just installed

5. Are **asbestos** waste shipment records maintained? (40 CFR § 61.154(e)(1))

a) Are copies of all required records and reports

retained for 2 years? (40 CFR § 61.154(e)(4))

b) Are records available for inspection? (40 CFR § 61.154(i))

c) Is a map or diagram of the asbestos disposal area being maintained? (40 CFR § 61.154(f))

6. In regard to **landfills**, are waste shipment records maintained?

a) Is the material typically analyzed?

b) What is the soil tested for?

SUGGEST YOU

GET COPIES & BASELINE ANALYTICALS WHEN YOU

ACCEPT SOILS.

b) What volume of soils are accepted annually?

VERY LITTLE.

7. Are **leachate** analysis records stored on-site?

a) If not, where?

NOT IN PLACE

b) When was the last sampling event?

c) What contaminate(s) is the leachate tested for? _____

8. Any location restriction documents? (ARM 16.14.521(1)(p)(i)) NEED TO WRITE LETTER TO PROMPT COMPLETION & DETENTION PAID. YES NO N/A
- a) What are they? IN PLAN, NEED TO BRING OUT SYSTEM & KEEP IN OPERATIONAL RECORD.
9. Any MSWLF unit design documentation for the construction or placement of leachate or gas condensate? (ARM 16.14.521(1)(p)(iv)) YES NO N/A
10. Closure and Post-closure care information on-site? (ARM 16.14.521(1)(p)(vi)) YES NO N/A
11. Cost estimates or financial assurance documents on-site? (ARM 16.14.521(1)(p)(vii)) YES NO N/A
12. Any information demonstrating compliance with small community exemption? (ARM 16.14.521(1)(p)(viii)) YES NO N/A
13. License issued? (ARM 16.14.405(1)) YES NO N/A
14. Fees paid? (ARM 16.14.405(1)(b)) YES NO N/A

NOTES: _____

K. Additional Questions

1. Does the MSWLF accept out-of-state wastes? YES NO N/A
- a) If so, how much? _____
2. Are the weight records up to date? (ARM 16.14.406(4)) YES NO N/A
3. Has last quarter report and fee payment been submitted to the state? (ARM 16.14.406(3)) YES NO N/A
4. Out-of-state waste received from: _____

ADDITIONAL NOTES AND/OR COMMENTS: THE OFFICE NEEDS MAJOR ORGANIZATION FOR OPERATIONAL RECORDS & FILES.

THE LANDFILL NEEDS 12" INTERMEDIATE COVER ON AREAS AWAY FROM ACTIVE FACE. LITTER IS BAD & NEEDS TO BE PICKED. OFF-SITE LITTER NOT TOO BAD. ON-SITE BAD.

Need to write letter to plant completion of design
In plan, need to develop out
of them a good in operating process

✓

✓

✓

✓

✓

✓

✓

Operational Records & Files
The office needs major organization for

✓

✓

The landfill needs is "INTERMEDIATE COVER ON BATTLE MOUND"
from active face. There is bad & worse to be picked off-site
litter and too bad. On-site bad.





8 8'94

8 8'94



UDD CLASS II # 222

Looking ~ N. N. W

CLASS III AREA BEING DEVELOPED
ON WESTERN SLOPE HILL.

Looking ~ WEST



Unified Disposal District Class II
222

Litter along fence on
South perimeter

400 Class II # 222
Wetlands worn & tires

Accumulating on South side
& Landfill

400 Class II # 222
On-site litter on edge
of Superfund site fill.

400 Class II # 222
Metallic Pile on South side
& Landfill.



UDD CLASS II #222

Looking ~ WEST down road
That follows coulee between
INTERMEDIATE & ACTIVE disposal
cells. DETENTION Pond is planned
for bottom of draw.

UDD CLASS II #222 LANDFARM
SITE

Sign NOTES LIFT II. NEEDS beams.

UDD #222

CLASS III AREA
PALOMAR'S

UDD CLASS II #222

ACTIVE & INTERMEDIATE AREAS
PALOMAR

Hill Co.

ROUTE SLIP

DEPARTMENT OF HEALTH & ENVIRONMENTAL SCIENCES

TO:

Proctor ~~CV~~
PAT FRC

DATE:

10/1

1.

bn JA

2.

Roger pet

3.

Duane Dae

☒

Approval

☐

Comment

☐

Necessary Action

☐

Note and Return

☐

Note and File

☐

Investigate

☐

Prepare reply

☐

Signature

☐

See Me

☐

As requested

☐

For your information

☐

Per Conversation

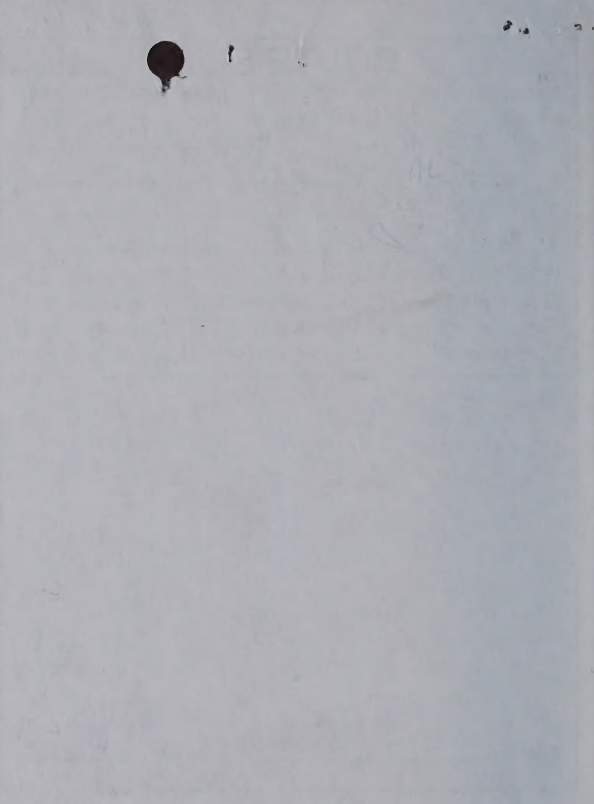
REMARKS:

Unified Class II Inspection

FROM:

Ed. T.

mailed
10-6-92
er



DEPARTMENT OF
HEALTH AND ENVIRONMENTAL SCIENCES

Solid and Hazardous Waste Bureau
Solid Waste Program

STAN STEPHENS, GOVERNOR (406) 444-1430

FAX #(406) 444-1499



STATE OF MONTANA

OFFICE 836 Front Street
LOCATION: Helena, Montana

MAILING Cogswell Building
ADDRESS: Helena, MT 59620

October 5, 1992

Larry Broere
Unified Disposal Board
Hill County Courthouse
Havre, MT 59501

Subject: Unified Class II Landfill Inspection, License #222, and
the inspection of Chinook Container Site #223C10.

Dear Board Members:

On September 21, 1992, I inspected the Unified Disposal District Class II landfill site for compliance with the laws and rules of the State of Montana governing solid waste disposal. Enclosed is a copy of my inspection report.

Violations and comments noted on the inspection report are explained on Page Two of the inspection form. The rule which was violated and an explanation of the specific problem can also be found on Page Two. These violations need to be corrected promptly in order to bring your operation into compliance.

Although the landfill continues to improve, blowing litter and piles of refuse/scrap remain throughout the landfill area. Effort needs to be made to clean up the solid waste management facility, and keep it clean. There should not be piles of scrap, used tires, old buildings and vehicles that are not functional at the landfill. If it has no value, put it in the landfill and bury it.

The ditch designed to divert water from the seeps surrounding the waste areas at the landfill was found to be silting up from erosion at two of the construction trenches and the sidewalls of the ditch. I discussed this with Larry and Clay and was told that these trenches would be filled in, compacted and graded to avoid future erosion that would impede the flow of water through the ditch. Regular maintenance of the ditch should be part of the landfill operations.

I was informed that the landfill recently lost insurance coverage. It is critical that a new policy be procured, and we be informed of the new carrier.

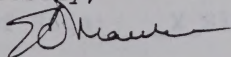
Any future landfarming of contaminated soils at the landfill should be done according to specifications set forth in the new landfarm guidance document from our Bureau that I gave to Larry during my visit. Comments concerning this document are appreciated. Larry had a good idea to base the fees on a volumetric basis of the materials received at the landfarm management area. This and other ideas will be considered. We feel that having areas available for remediation of contaminated soils is important, but proper management and record keeping has to be taking place in order to know if the soils are actually being remediated. Dumping the contaminated soils on the ground is not landfarming. Without documentation of what the type and levels of contamination were to start with, and no periodic or quarterly sampling of the waste soils or the soils below the treatment zone (BTZ), there is no way of knowing if remediation is actually taking place or if contamination is leaching into the BTZ. A landfarm operation and maintenance plan, and the appropriate site characterization should be completed before future landfarming takes place at the Unified Disposal District Solid Waste Management System.

Larry, Clay and I also looked at the groundwater monitoring wells on-site. The wells you have look good, but must be locked.

The Chinook Container looked good with exception of a small amount of blowing litter. I had the pleasure of meeting Leroy Ross while I was there, and he informed that he does pick up litter. Unfortunately it was very windy during my visit, and Leroy was having a problem keeping up. It appears that the burn area has been cleaned up, but brush was again accumulating. It is our understanding that this brush will be chipped for mulch or hauled away and not be burned. It is imperative that no further uncontrolled burns take place at this, or any other container site.

Thank you for your cooperation in the matter of this inspection. Please do not hesitate to contact me if you have any questions.

Sincerely,



Edward A. Thamke
Solid Waste Management Program

Enclosure: September 21, 1992 Inspection Report

c: Clay Vincent R.S., County Courthouse, Havre, MT 59501
Barry Damschen, P.O. Box 4817, Helena, MT 59604
Marty Dirden R.S., Courthouse, Box 576, Chinook, MT 59523

1

Name of Facility: Unified Disposal District Date: September 21, 1992
Location of Site: 10 miles east of Havre, south of Highway 2 (Sign Posted)
License #:222
County: Hill, Blaine, Chouteau Class: II

Address:

Address:Hill County Courthouse
Havre, MT 59501

| <u>Major</u> | <u>Minor</u> | <u>Comment</u> |
|--------------|--------------|----------------|
|--------------|--------------|----------------|

Violation and Comment explained on Page Two

- | | | |
|--|-----|----|
| 1. Burning Controlled: | Yes | |
| 2. Disposal Site Properly Located: | Yes | |
| 3. Dumping Confined to a Manageable Area: | Yes | |
| 4. Refuse Properly Covered After Each Operating Day: | | XX |
| 5. Spreading and Compaction of Refuse Adequate: | Yes | |
| 6. Rodents and Insects Controlled: | | XX |
| 7. Blowing Litter Controlled: | | XX |
| 8. Access to Site Controlled: | Yes | |
| 9. Approach Road Properly Maintained: | Yes | |
| 10. Other (Explained on Page Two) | | XX |

Control of Site: X Signs X Fences and Gates X Supervision None

Visible Equipment at Site: X Yes No

Type: D6 Dozer, Compactor, Loader, Scraper

Person(s) Seen: Clay Vincent, Larry Broere, Dick Bulman

Signature of Inspector: Edward A. Thamke

Page Two
Inspection Report

#4) **Refuse Properly Covered After Each Operating Day.** (ARM 16.14.521(2)(a)) - All Class II sites using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved cover material at the end of each operating day.

During my inspection you were actively filling the low area east of the wind fence. I noticed that the waste in the normal working trench was not covered with six inches of soil.

#6) **Rodents and Insects Controlled.** (ARM 16.14.520(5)) - Flies and other insects, as well as rodents, shall be effectively controlled.

Rodents and insects will be controlled when no refuse is exposed to surface. As mentioned in #4, waste was exposed in the working trench (coulee).

#7) **Blowing Litter Controlled.** (ARM 16.14.520(4)) - Effective means shall be taken to control litter at solid waste storage and disposal facilities.

I know this difficult in your area, but other facilities on the highline do not have litter problems. This has been a consistent problem at Unified and more energy has to be put into keeping the landfill and surrounding lands clean.

#10) **Need to Revise Operations Plan.** (ARM 16.14.520(1)) - Any person who maintains or operates a solid waste management system shall maintain and operate such system in conformance with the requirements of this rule, the plan of operation and maintenance approved by the department, all local zoning, system planning, building, and protective covenant provisions, and any other legal requirements that may be in effect.

If landfarming continues at Unified, the appropriate siting and operations plans should be revised to address this.

#10) **Runon, Runoff Controlled.** (ARM 16.14.505(1)) -

(d) Sites may be located only in areas which will prevent the pollution of ground and surface waters and public or private water supply systems;

(e) Drainage structures must be installed where necessary to prevent surface runoff from entering the area;

As we discussed, the seep diversion ditch needs to be cleaned out and the construction trenches should be filled, compacted, and grade to prevent future erosion into the ditch.

#10) **"Treatment."** (ARM 16.14.502(22)). "Treatment" means a method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any solid waste so as to neutralize the waste or so as to render it non-hazardous, safer for transport, amenable for recovery, amenable for storage, or reduced in volume.

Landfarming is considered treatment if done right.

23 U.D.D. 9/21/92
Ed.T.



Nice recyclables
at working face

24 U.D.D. 9/21/92
Ed.T.
Looking N.E.



Unified Subdania
Silinau
Showing ~~Subdania~~

U.D.D. 9/21/92
Ed.T.



Landfill Area
Looking West

U.D.D. 9/21/92
Ed.T.



2nd Landfill Area
New Soils Looking West

Shipook 9/21/92
Ed.T.



Brush & wood pile
at Compactor Site

U.D.D. 9/21/92
Ed.T.



East side of Existing
Trench

U.D.D. 9/21/92
Ed.T.



Looking South towards
Existing Trench (center)
West Side

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

08-VHO



Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Ektachrome
FILM



Kodalux
PROCESSING SERVICES

Unified Disposal District Landfill
Havre, MT

2/25/92

Slides are duplicates of photos dated
2/25/92

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner⁶¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner⁸¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner⁰²

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²¹

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²³

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner²²

Unified Disp. Dist. Landfill
Havre, MT
2/25/92 C. Stagner⁶¹

TOP
↓

Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



Color Slide



5/52/55
Total of 20 slides
5/52/55
TM, 1971
United Biological
G. 24012

Color Slide





Unified Disp. Dist. Landfill

Havre, MT

View from North ridge looking East.

2/25/92

C. Stagner



Unified Disposal Landfill

Havre, MT

View from Southwest corner, looking Northwest.

2/25/92

C. Stagner



Unified Dispo. Dist. Landfill
Havre, MT

View from North ridge, looking South.

Whitish area (circled on photo) is frozen ice from seep.

2/25/92

C. Stagner



Unified Disp. Dist. Landfill
Tavre, MT
View from South ridge looking North,
2/25/92
C. Stagner



Unified Disp. Dist. Landfill
Havre, MT

Cut along South side
2/25/92

C. Stagner

Unified Disp. Dist. Landfill

Havre, MT

Excavation approx. in center of active area, looking North.

2/25/92

C. Stagner



Unified Dispo. Dist. Land fill
Havre, MT

3 litter fences on East side
2/25/92

C. Stagner

Hill County Health and Planning

Hill County Courthouse
Havre, MT 59501

August 5, 1988

Phone: 406-265-5481
Ext. 66

James E. Leiter, R.S.
Solid and Hazardous Waste Bureau
Montana Dept. of Health and
Environmental Sciences
Cogswell Building
Helena, Montana 59620

Dear Jim,

I'm sorry to have missed you when you made the inspection of the UDB Sanitary Landfill. I would have appreciated the opportunity to discuss our operation with you.

To begin with, there are a couple of minor points noted in the report in which we are in disagreement. The first point is the fly, odor, and vermin problem you noted in item #6 of your report. The odor and fly problem is created from the blood-waste area, which cannot be avoided or eliminated due to the type of waste, which is permitted under our license. The operators have not observed the rodent problem your report notes. The harborage area that could create a vector control problem is the wood waste and tire pile area, which all other sites experience.

Secondly, the consideration of the drainage and springs as a major problem may not be as significant as earlier anticipated. Some consideration must be given to the concept of net precipitation. Landfills should be viewed a source of transeaporation. Our area experiences an annual average rainfall of 13 inches per year and the transeaporation rate is in excess of 38 inches per year. While it is important to minimize the infiltration of any ground water or surface water into landfill areas, the concept of net precipitation as discussed by EPA in draft regulations deserves further research and consideration.

The problem of litter control is becoming very frustrating. As you are aware, we have been receiving considerable pressure to reduce the amount of litter blowing onto adjacent properties. The steps that have been taken to reduce the problem to date are as follows:

1. The main perimeter fence has been repaired and the area in the middle has been extended upwards an additional 8-10'.

May 16, 1988

James E. Leiter, R.S.

August 5, 1988

Page 2

Daryl Damschen
Damschen and Associates

2. The smaller vehicle traffic into the site has been largely diverted to the container area so that only the large refuse vehicles deposit directly in the working area, which allows for the reduction of the working face.

Further steps to reduce the litter problem to be implemented this fall include:

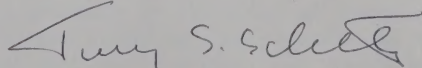
1. Constructing another small fence, east of the landfilling work area approximately 150' beyond the second fence which would collect the blowing litter that gets beyond the two fences in place now.
2. Developing and wind screening three trenches to be used during high wind times until the final lift and cover in the present landfill area are complete, which is anticipated to be Summer 1988.
3. Utilize public assistance workers to clean existing areas where litter has accumulated.

We are hopeful a combination of these activities will reduce the litter. Getting a better handle on the blowing litter is the number one priority of the Board, to the extent that our budget priorities were shuffled to that end. I am enclosing a copy of a letter to a solid waste planning consultant that addresses Item #10 as well as the scope of your cover letter.

The UDB has selected Damschen and Associates to examine the intermittent spring condition. We have already undertaken some background data collection and aerial mapping for the overall operation plan. Due to the shifting of priorities, especially in a tight money year, the continuing work by the consultant had to be suspended in this budget year.

Any assistance from your office in the interim would be greatly appreciated. We all have expended too much effort and funds to see this program slide backwards.

Sincerely,



Terry S. Schultz, Chairman
Unified Disposal Board

Hill County Health and Planning

Hill County Courthouse
Havre, MT 59501

May 16, 1988

Phone: 406-265-5481
Ext. 66

Barry Damschen
Damschen and Associates
P.O. Box 4817
Helena, Montana 59604

Dear Barry,

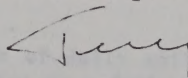
I wanted to let you know as soon as possible about a change in our direction for some expenditures of the Unified Disposal Board.

Due to a problem that we are experiencing with litter control and anticipated expenditures to curb the litter that's blowing onto adjacent properties, we are allocating those financial resources that would have been used for an engineer study to deal with ground water infiltration.

The payment schedules on some acquired equipment coupled with a budget crunch this fiscal year does not allow us to undertake both the ground water monitoring program and the litter control project. Due to threats of litigation on the part of adjacent landowners we need to allocate our resources to the litter control program. Next fiscal year we will be in a position to undertake the full study.

If you have any questions please feel free to give me a call.

Sincerely,



Terry S. Schultz

TSS:gh

RECEIVED

Hill County Health and Planning

Hill County Health and Planning
Helena, MT 59601

May 15, 1988

Betty Damschen
Damschen and Associates
P.O. Box 1817
Helena, Montana 59604

Dear Betty,

I wanted to let you know as soon as possible about a change in our direction for some expansion of the landfill disposal board.

Due to a problem that we are experiencing with litter control and anticipated expansion to some of the larger sites, we are planning to expand our disposal board to include some of the larger sites that would have been used for an engineering study to deal with ground water pollution.

The payment scheduled on some adjacent equipment donated with a budget crunch this fiscal year has not allowed us to undertake both the ground water monitoring program and the litter control project. Due to the nature of the litter control project, we need to allocate our resources to the litter control program. When fiscal year we will be in a position to undertake the full study.

If you have any questions please feel free to give me a call.

Sincerely,

Betty Damschen

TEB:ph

RECEIVED

AUG 08 1988

MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES
SOLID & HAZARDOUS WASTE BUREAU

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES



TED SCHWINDEN, GOVERNOR

COGSWELL BUILDING

STATE OF MONTANA

Solid & Hazardous Waste Bureau
Telephone: (406) 444-2821

HELENA, MONTANA 59620

July 22, 1988

Terry Schultz
Unified Disposal Board
Hill County Health & Planning Office
County Courthouse
Havre, MT 59501

Dear Terry:

On July 13, 1988, I inspected the Unified Disposal District's Landfill with Larry Brewer. I stopped in to see Clay Vincent prior to the inspection. I have enclosed a copy of that report.

Unfortunately, at the time of the inspection, there were several major violations of the Montana Solid Waste Management Act and rules. John Geach visited the site approximately six weeks ago and had reported similar problems to me.

Three basic problems were creating the most obvious difficulties at the landfill, I felt:

1) There was inadequate application of daily soil cover. This was caused by the failure to provide enough cover on a daily basis, and the failure to replace cover soil when it eroded off previously covered surfaces. This second problem is generally why we recommend at least one foot of intermediate cover over those areas left exposed for one week or longer. The daily cover deficiency is contributing directly to the second problem, excessive litter. In addition, the cover problem is related to number three, the drainage problem, since I think the operator is avoiding moving down the coulee and is having to haul cover greater distances. Perhaps this is resulting in less efficiency in the cover operation.

All exposed group II solid waste must be covered with at least six inches of earthen cover at the end of each operating day.

2) There was a tremendous litter problem at the time of inspection. The upper part of the coulee is simply too windy in some seasons to use effectively without massive efforts at litter control. The large amounts of litter on the fences have caused early failure of what should have been a long lived litter screen. Larry and I discussed the use of the upper portion of the site and he indicated that you have staked out trenches to

be dug in the upper area of the west side hill. Without a concerted effort to control litter in the trench, however, I don't think you will be diminishing the problem. Effective trench operation will take effective fencing as well. I don't recommend a change in the operation unless it is a planned change, taking into account suitable fencing, etc.

Effective means must be taken to control litter at all sites.

3) The springs in the site are causing a number of problems, it appears. Until they are adequately addressed, they will continue to interfere with daily operation of the landfill. They appear to be forcing the operation into the upper reaches of the site, where there is less cover soil and more wind. In the process of filling the upper area another drainage problem has been created behind the buried waste, and this new "basin" needs to be drained to prevent infiltration of water into the buried refuse. I suggested to Larry that the SCS be contacted to see if Dave Jones or another environmental engineer might be available to give some assistance with diversion of these springs and provision of drainage for the basin behind the waste. A second, and perhaps preferable alternative, would be to obtain the services of a suitable consultant who could address the drainage problem as well as do a total landfill plan.

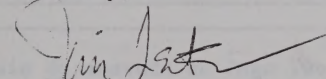
The landfill, for being a fairly new operation, has encountered some difficult problems due to the environmental setting of the facility. This is not a shortcoming of the operators, but of the site itself, a common problem at coulee landfills. The wind, springs and short supply of suitable cover materials are all problems that can be difficult to handle without some expert assistance. I would strongly recommend that the district retain the services of a qualified consultant to design a new operation and maintenance plan for the site. This new plan, in essence a "cut-and-fill" plan, would show you how to economically solve the problems with drainage, cover and wind without wasting landfill space. As it is right now, I can see that you are losing control of the operation and reacting to the site rather than planning the site. The small amount of money used to develop a good cut-and-fill plan can be recouped many times over in saved space, more effective fencing, etc. I showed a sample plan to Larry and pointed out the value. If you would like me to show you or your board a similar sample, I would be happy to do so.

A good cut-and-fill plan has numerous advantages, but one of the biggest is that the site is filled in a planned, systematic fashion. This is far preferable to a "reactive" plan. With a good plan, there is no guesswork and the landfill is totally planned so that every bit of cover and space is used effectively, even in the event of unexpected changes, such as personnel changes, etc. Frankly, I don't see how a landfill can operate effectively without such a plan.

Due to the serious nature of the violations noted, we request that you give us a written compliance plan showing exactly what steps you will be taking, and upon what schedule, to bring the site into full compliance. We request that you submit the plan by August 15, 1988. Should you decide to pursue obtaining the services of a consultant, I would be happy to provide a list of suitable contractors, assist in selection, etc.

If you have any questions or we may be of assistance, please contact me.

Sincerely,


James E. Leiter, R.S.

cc: Hill County Commissioners
Blaine County Commissioners
Chouteau County Commissioners
Elenore Gustafson, R.S., Blaine County Sanitarian

the to the notice of the Virginia State. He was not then the
as a witness. The notice was not then the
and was not then the
that you notice the notice of the Virginia State. He was not then the
of the notice of the Virginia State. He was not then the

If you have any questions or we can be of assistance. Please contact me.

Sincerely,

James E. Carter, Jr.

Bill County Commissioner
State County Commissioner
County Commissioner
County Commissioner, A.E. State County Commissioner

SOLID WASTE MANAGEMENT SYSTEM INSPECTION REPORT

Location of Site: Unified Disposal District Landfill

Date: July 13, 1988

County: Blaine County

Class: II

Operator: Unified Refuse Disposal District

Address: Havre, MT

Owner: Unified Disposal District

Address: Havre, MT

| Explain <u>No</u> answers on Page Two | <u>Yes</u> | <u>No</u> |
|--|-------------|-------------|
| 1. Burning Controlled: | <u>XXX</u> | <u> </u> |
| 2. Disposal Site Properly Located: | <u>XXX</u> | <u> </u> |
| 3. Dumping Confined to a Manageable Area: | <u>XXX</u> | <u> </u> |
| 4. Refuse Properly Covered After Each Operating Day: | <u> </u> | <u>XXX</u> |
| 5. Spreading and Compaction of Refuse Adequate: | <u>XXX</u> | <u> </u> |
| 6. Rodents and Insects Controlled: | <u> </u> | <u>XXX</u> |
| 7. Blowing Litter Controlled: | <u> </u> | <u>XXX</u> |
| 8. Access to Site Controlled: | <u>XXX</u> | <u> </u> |
| 9. Approach Road Properly Maintained: | <u>XXX</u> | <u> </u> |
| 10. Other (Explained on Page Two) | <u> </u> | <u>XXX</u> |

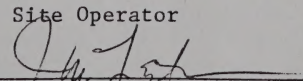
Control of Site: XXX Signs XXX Fences and Gates XXX Supervision None

Equipment at Site: XXX Yes No

Type:

Size:

Person Seen: Larry Brewer, Site Operator

Signature of Inspector: 

SOLID WASTE MANAGEMENT SYSTEM INSPECTION REPORT

Location of Site: United States District Court Building

County: State County

Operator: United States District Court Building
Owner: United States District Court Building

Date: July 1, 1988

Class: II

Inspector: John A. Smith
Address: 1234 Main St.

Section 10: See comments on Page Two

1. Leaking Containers:

2. Disposal Site Properly Located:

3. Dumping Confined to a Designated Area:

4. Refuse Properly Covered After Each Operating Shift:

5. Spreading and Compaction of Refuse Adequate:

6. Leakage and Insects Controlled:

7. Blowing After Controlled:

8. Access to Site Controlled:

9. Approach Road Properly Maintained:

10. Other (Explained on Page Two)

Control of Site: SEE SIGN

SEE SIGN

SEE SIGN

SEE SIGN

SEE SIGN

SEE SIGN

Equipment at Site:

Type:

Size:

Person Responsible for Operator: John A. Smith

Signature of Inspector: John A. Smith

#4) Refuse Properly Covered After Each Operating Day (Rule 16.14.521 (2)(a)) - All Class II sites using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved cover material at the end of each operating day. There was a lot of exposed refuse at the site, both from a lack of adequate, daily cover and large areas which may have been covered, but the cover soil has eroded away.

#6) Rodents and Insects Controlled (Rule 16.14.520 (5)) - Flies and other insects, as well as rodents, shall be effectively controlled. The exposed refuse left plenty of opportunity for the creation of odors and the breeding and harborage of skunks, flies and other vermin.

#7) Blowing Litter Controlled (Rule 16.14.520 (4)) - Effective means shall be taken to control litter at solid waste storage and disposal facilities. There was a terrible litter problem at the site. Sections of the large, perimeter litter fences were falling over.

#10) Other - Several springs are interfering with operation of the landfill. These springs need to be addressed in an updated operation and maintenance plan for the facility.

We are further planning a couple of observation excavations in the draw that we are concerned with drainage. The purpose of the excavations will be to determine if a spring exists in the draw or if it is just seepage from an extraordinary wet year.

At any rate I'm writing to let you know of the improvements that we had made pursuant to your visit. If you have any questions concerning this correspondence please feel free to give me a call.

Sincerely,

Terry S. Schultz, Chairman
Unified Regional Board

44) Before properly covered after each operating day (Date 10.10.1971)
(2)(b) - All Class II sites using landfilling methods shall ensure that
cover solid waste with a layer of at least six (6) inches of approved cover
material at the end of each operating day. There was a lot of exposed
refuse at the sites both from a lack of adequate daily cover and large
areas which may have been covered, but the cover had been washed away.

45) Refuse and Insects Controlled (Date 10.10.1971) - There was no
insects as well as rodents, small no effective control. The workers
refuse left plenty of opportunity for the creation of insects and the spread-
ing and harborage of insects, flies and other vermin.

46) Burning Litter Controlled (Date 10.10.1971) - No litter was seen, shall
be taken to control litter at solid waste storage and disposal facilities.
There was a terrible litter problem at the sites. Sections of the litter
particular litter sections were falling over.

47) Other - Several reports are circulating with suspicion of the health
ills. These reports need to be addressed in an effective manner and
maintenance plan for the facility.

Hill County Health and Planning

Hill County Courthouse
Havre, MT 59501

Phone: 406-265-5481
Ext. 47

November 18, 1986

James E. Leiter
Solid and Hazardous Waste Bureau
Montana Department of Health and
Environmental Sciences
Cogswell Building
Helena, Montana 59620

Dear Jim,

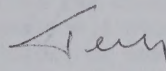
I have received your inspection report from the visit to the land fill on October 15. I would like to inform you that we have constructed the wet weather access road.

The construction for that road extends all the way to the very end of the land fill on the the top bench, as you had suggested.

We are further, opening a couple of observation excavations in the draw that we are concerned with drainage. The purpose of the excavation will be to determine if a spring exists in the draw or if it is just seepage due to an extra-ordinarily wet year.

At any rate I'm writing to let you know of the improvements that we had made pursuant to your visit. If you have any questions concerning this correspondence please feel free to give me a call.

Sincerely,



Terry S. Schultz, Chairman
Unified Disposal Board

TSS:gh

RECEIVED
NOV 19 1986
HILL COUNTY DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES
COURTHOUSE
HAVRE, MONTANA 59501

Hill County Health and Planning

Phone: 406-283-2251
Fax: 406-283-2252

Hill County Courthouse
Helena, MT 59601

November 15, 1986

James A. Lister
Solid and Hazardous Waste Bureau
Montana Department of Health and
Environmental Sciences
P.O. Box 204860
Helena, Montana 59620

Dear Sir:

I have received your letter of November 11, 1986, regarding the land fill at Helena. I am sorry that we have not been able to respond to you more quickly. The information that you have provided is being reviewed.

The information that you have provided is being reviewed. We are currently reviewing the information that you have provided and will contact you again when we have a final decision.

We are currently reviewing the information that you have provided and will contact you again when we have a final decision. We are currently reviewing the information that you have provided and will contact you again when we have a final decision.

At this time I am writing to let you know of the progress that we have made in reviewing the information that you have provided. We are currently reviewing the information that you have provided and will contact you again when we have a final decision.

RECEIVED

NOV 21 1986

MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES
SOLID & HAZARDOUS WASTE BUREAU

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES



TED SCHWINDEN, GOVERNOR

COGSWELL BUILDING

STATE OF MONTANA

Solid and Hazardous Waste Bureau
(406) 444-2821

HELENA, MONTANA 59620

November 12, 1986

Mr. Terry Schultz
Unified Disposal District
Hill County Courthouse
Havre, MT 59501

Dear Terry:

I've enclosed an inspection report from our visit to the landfill on October 15, 1986. As we discussed, at the time of the inspection I was generally pleased to note that the landfill "survived" the heavy rains and flooding. The biggest problem seemed to be the heavy loads of wet solid waste being brought into the site in the containers.

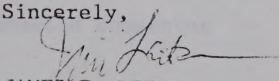
In general, the site was in satisfactory condition at the time of inspection. I am concerned that careful planning be done before changes in wet weather operation, etc., are implemented. As we discussed on site, mistakes made in operation now could cause costly problems later. Site drainage must be kept constantly in mind, and it's important to remember that the existing site does have some inherent limitations such as limited cover soil and complex drainage problems.

Please keep in touch with us whenever you contemplate major operational changes.

You will also be interested to know that we have requested a legal opinion from our department attorneys regarding special wastes such as we discussed at the landfill. We are trying to get some clarification regarding whether or not the district is obligated in any way to handle special wastes generated within the district's boundaries. I will get back to you with any information I receive. Until then, please keep in mind that the only liquid or semi-liquid waste you are authorized to accept is the blood waste.

If you have questions or we may be of assistance, please contact us.

Sincerely,


JAMES E. LEITER
Solid and Hazardous Waste Bureau

JEL:mh

Enclosure

cc: Boards of County Commissioners,
Blaine, Hill and Chouteau Counties

REFUSE DISPOSAL SITE INSPECTION REPORT

Location of Site: Unified Disposal District Landfill Date: October 15, 1986
 County: Blaine Class: II
 Operator: Unified Disposal District Address: Havre, MT
 Owner: Unified Disposal District Address: Havre, MT

Explain No answers on reverse side

| | YES | NO |
|--|-------------------------------------|--------------------------|
| 1. Burning controlled. | ☒ | ☐ |
| 2. Disposal site properly located. | ☒ | ☐ |
| 3. Dumping confined to manageable area. | ☒ | ☐ |
| 4. Refuse properly covered after each operating day. | ☐ | ☐ |
| 5. Spreading and compaction of refuse adequate. | ☒ | ☐ |
| 6. Rodents and insects controlled. | ☒ | ☐ |
| 7. Blowing paper controlled. | ☒ | ☐ |
| 8. Access to site controlled. | ☒ | ☐ |
| 9. Approach road properly maintained. | ☒ | ☐ |
| 10. Other (explained on reverse side). | | ☐ |

Control of site:

☒ Signs ☒ Fences and gates ☒ Supervision ☐ None

Equipment at site:

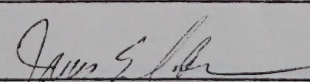
YES
☒ NO
☐

Type: Steel wheeled compactor

Size:

Persons seen: Terry Schultz

Signature of inspector:


JAMES E. LEITER

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES



TED SCHWINDEN, GOVERNOR

COGSWELL BUILDING

STATE OF MONTANA

HELENA, MONTANA 59620

November 6, 1985

Terry Schultz, Director
Unified Disposal District
Hill County Courthouse
Havre, MT 59501

Dear Terry,

Enclosed is a copy of my October 25th inspection of the Unified Disposal District landfill. The conditions noted at the site which did not comply with the State Refuse Disposal Rules ARM 16.14.501 through 16.14.526 are explained on the back of the inspection report.

I'm sorry I missed both you and clay while I was in town. Thank you for discussing the operation of the site with me during our phone conversation of October 28th.

You indicated your site's dozer had been up in the Rudyard and Fresno areas reclaiming their old dump sites and your compactor had been broken down for approximately a week. The amount of uncovered refuse in the site's active fill area indicated covering had not occurred for approximately the same length of time.

However, two other areas of the site contained compacted refuse that had not been covered or contained inadequate cover. These areas were your older working area to the west of your present fill and a "wet weather" area to the east of the fill. The poor conditions of these areas indicated proper covering had not occurred for a period of at least several weeks. The compaction of the refuse in these areas also indicated equipment had been operational but for some reason adequate soil cover had not been applied.

In the future when major equipment breakdowns or unusual operational problems occur the district should make arrangements for back-up equipment to insure the landfill is properly maintained through these crises. If your present budget does not have a contingency fund for back-up equipment, it should be added to your next fiscal budget. Until such a fund is developed perhaps the county's road equipment could be used during these emergencies.

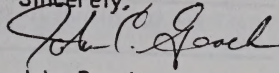
As I mentioned on the phone, we become very concerned when we find a site in a condition that indicates long term deficiencies have occurred. The progress that your district has accomplished through your container program to upgrade the solid waste facilities in your area is without question very commendable. An equally efficient, properly operated landfill operation is needed to compliment this container program. Perhaps the conditions I noted were just a culmination of circumstances and the operation of the landfill has not regressed. Hopefully this is the case and the results of this inspection do not reflect the normal operation of your site.

(F)

(E)

I will be in your area again sometime in the near future and will reinspect the site. In the meantime if you have any questions or we can be of any assistance to your solid waste program, please let us know.

Sincerely,



John Geach
Solid & Hazardous Waste Bureau
Telephone (406) 444-2821

cc: Don Sokolowski
Hill County Commissioners

JG/ba

(F) (E)
REFUSE DISPOSAL SITE INSPECTION REPORT

Location of Site: Unified Disposal District Date: October 25, 1985
County: Blaine Class: II
Operator: Unified Disposal District Address: Havre
Owner: Unified Disposal District Address: Havre

| Explain <u>No</u> answers on reverse side | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Burning controlled. | ☒ | ☐ |
| 2. Disposal site properly located. | ☒ | ☐ |
| 3. Dumping confined to manageable area. | ☒ | ☐ |
| 4. Refuse properly covered after each operating day. | ☐ | ☒ |
| 5. Spreading and compaction of refuse adequate. | ☒ | ☐ |
| 6. Rodents and insects controlled. | ☐ | ☐ |
| 7. Blowing paper controlled. | ☐ | ☐ |
| 8. Access to site controlled. | ☒ | ☐ |
| 9. Approach road properly maintained. | ☒ | ☐ |
| 10. Other (explained on reverse side). | ☒ | ☐ |

Control of site:

☒ Signs ☒ Fences and gates ☒ Supervision ☐ None

Equipment at site: YES ☒ NO ☐
Type: Steel Wheel Compactor
Size: _____

Persons seen: Sanitarian's Office Staff
Signature of inspector: John C. Geach
John C. Geach

#4) Refuse Properly Covered After Each Operating Day (Rule 16.14.521 (2)(a)) — All Class II sites using landfilling methods shall compact and cover solid waste with a layer of at least six (6) inches of approved earth cover material at the end of each operating day.

Three separate large open working refuse areas were noted which contained insufficiently covered compacted refuse. The size of these areas indicated refuse covering operations had not been performed for at least several weeks.

#6) Rodents and Insects Controlled (Rule 16.14.520 (5)) — Flies and other insects, as well as rodents, shall be effectively controlled.

Refuse exposed for periods greater than one day attract animals and insects. Many of these vectors can carry animal and human diseases including anthrax, dysentery and rabies.

#7) Blowing Paper Controlled (Rule 16.14.520 (4)) — Effective means shall be taken to control litter at solid waste storage and disposal facilities.

The site's litter fences contained a heavy accumulation of litter and due to over loading were ineffective. In addition litter was noted on the adjoining property to the east of the site.

#10) A large accumulation of wood materials were noted stockpiled in the eastern open refuse area. Tires, refuse and other materials prohibited from burning were in close proximity to this wood. If the intent is to burn these wood wastes with a air quality burning permit, these prohibited materials must be removed and relocated to prevent accidental combustion.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES



TED SCHWINDEN, GOVERNOR

COGSWELL BUILDING

STATE OF MONTANA

HELENA, MONTANA 59620

October 30, 1984

Terry Schultz
Unified Disposal District
County Health Office
Hill County Courthouse
Havre, MT 59501

Dear Terry:

Thanks for visiting with me on October 17, 1984 and going with me to look at the landfill and container sites. I've enclosed an inspection report from the landfill visit.

I will briefly summarize my comments below:

1) Container Program - Altogether on the 17th, I visited container sites at Big Sandy, Beaver Creek Park, Red Rock, the landfill, Chinook and Harlem. In general, the sites were satisfactory. Two potential problems are worthy of mention, however:

a) The sites at Big Sandy and Chinook had quite a bit of litter around them. You mentioned that you had some fencing for litter control at Harlem. I believe the same control efforts would be beneficial at Big Sandy and Chinook.

b) Group III wastes - At Big Sandy and especially at Harlem, the "Class III" disposal areas are grossly out-of-control. I will contact both communities regarding the problem, and the department will require licensing of these areas if they are to be continued. The licenses will include requirements for access control and strict supervision to control the types of wastes deposited in the Class III areas. "Supervision" as required for the license may vary from site to site, as we discussed in your office. At these two communities, at least, actual on-site supervision will be expected, this will initially include a gatekeeper to let people know what kind of wastes are

acceptable. Should the public eventually be able to control proper separation themselves, we may be able to relax the supervision somewhat, however, this has not been usual in similar circumstances elsewhere. I have also enclosed several applications for other sites where you may be considering similar operations.

II. Landfill - As you know, I had mixed feelings about the landfill operation. The new litter fence is an excellent addition and should help quite a bit with litter control while you're in the upper levels of the coulee. The "working face" area was basically satisfactory, although cover seemed somewhat minimal. During warmer weather the same amount of cover would prove inadequate.

As we discussed, the biggest problem involved the burning that was underway when we were on-site. It was fairly obvious that Larry was burning some tires purposely along with the wood waste pile. In addition, the remaining debris from the wood pile showed that the pile contained a great deal of material other than wood waste.

There are several suggestions I have to avoid future problems of this nature:

- a) All employees and operators must be well informed regarding the fact that only untreated wood wastes may be burned.
- b) The wood waste pile must be suitably located and adequately supervised to insure that only untreated wood wastes are placed into the pile.
- c) An air quality permit must be obtained prior to future burns.
- d) A tire pile, if maintained, must be physically separated from other combustible wastes. I wholeheartedly agree with your suggestion that the existing tires should be buried in an empty cell of the landfill. While this will be difficult for subsequent operation over the tires, "floating" can be minimized by spreading the tires in layers as thin as possible and then placing bulky wastes over the top. Voids can then be filled with conventional waste materials. In the future, you should develop a plan to bury as many tires as possible on a daily basis with periodic burial of the remainder before the pile gets large enough to create a fire hazard or attractant for snakes, skunks, etc.
- e) We spent some time discussing disposal of liquids and small quantities of other liquid and semi-liquid waste materials. As you are aware, your landfill license contains a condition which prohibits disposal of liquid and semi-liquid waste materials. With this letter, I am amending the license to allow maintenance of a pit for blood disposal, as long as no nuisances are created. This will probably mean regular cover of the pit during fly season.

Naturally, some small quantities of liquids are unavoidable when mixed with other waste. "Empty" drums with a few inches of residue may be acceptable, but only if the operators are fully aware of the contents to insure that health and safety hazards are avoided. Full drums of any material must be avoided. If in doubt, check with us on a case-by-case basis. The full barrel marked "trichlorethylene" appeared to contain some asphaltic residue instead, but the operators must know the contents of a barrel such as this prior to accepting it. Otherwise, their personal health or safety may be jeopardized, and potential environmental damage may result.

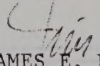
I would also suggest that the monitoring well at the shop and the coulee well (if it shows water) should be checked no less than annually for those parameters previously mentioned. Due to the variable soil and geological characteristics of the site, regular monitoring is the only valid test of site impact. Were no liquids at all coming into the site, the monitoring would not be as critical, but there is plenty of evidence that some quantities of liquids and semi-liquids are being accepted.

I discussed the sedimentation basin with Larry at the conference in Great Falls. He said he had done some work on that area. I agreed to look at that again the next time I came up.

You and the district employees have done a tremendous job of bringing a good operation on-line in a relatively short time. I appreciated your assurances that these items would all be rectified and would appreciate a short note from you to that effect.

Thanks again for your time. If you have any questions or we may be of assistance, please contact us.

Sincerely,


JAMES E. LEITER
Solid Waste Management Bureau
Telephone: (406) 444-5289

cc: Board of County Commissioners for Hill, Blaine, and Choteau Counties
Don Sokolowski, County Sanitarian, Blaine County

REFUSE DISPOSAL SITE INSPECTION REPORT

Location of Site: Unified Disposal District Landfill Date: 10/17/84
 County: Blaine County Class: II
 Operator: Unified Refuse Disposal District Address: Havre, MT
 Owner: _____ Address: _____

Explain No answers on reverse side

| | YES | NO |
|--|--|-------------------------------------|
| 1. Burning controlled. | ☐ | ☒ |
| 2. Disposal site properly located. | ☒ | ☐ |
| 3. Dumping confined to manageable area. | ☐ | ☒ |
| 4. Refuse properly covered after each operating day. | ☒ (Note) | ☐ |
| 5. Spreading and compaction of refuse adequate. | ☒ | ☐ |
| 6. Rodents and insects controlled. | ☒ | ☐ |
| 7. Blowing paper controlled. | ☒ (Note) | ☐ |
| 8. Access to site controlled. | ☒ | ☐ |
| 9. Approach road properly maintained. | ☒ | ☐ |
| 10. Other (explained on reverse side). | | ☒ |

Control of site:

☒ Signs ☒ Fences and gates ☒ Supervision ☐ None

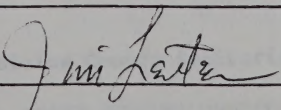
Equipment at site:

YES
☒ NO
☐

Type: Loader & Landfill Compactor

Size: _____

Persons seen: Terry Schultz

Signature of Inspector: 

James E. Leiter

#1, 3, 4, 7, & 10 (See Cover Letter)

| | | |
|---|-----------|---------|
| Location of Site: | State of: | County: |
| Operator: | Address: | City: |
| Owner: | Address: | City: |
| 1. Other (explain on reverse side) | | |
| 2. Approach road properly maintained | | |
| 3. Access to site controlled | | |
| 4. Blowing paper controlled | | |
| 5. Pests and insects controlled | | |
| 6. Spreading and collection of refuse materials | | |
| 7. Refuse properly covered after each operating day | | |
| 8. Double lined to manageable size | | |
| 9. Disposal site properly located | | |
| 10. Burning controlled | | |
| 11. Refuse 20 feet or more on reverse side | | |

| | | | |
|------------------|-------------------------------------|-------------------------------------|--------------------------|
| Control of site: | Signs | Fences and gates | Other |
| | ☒ | ☒ | ☐ |

| | | |
|--------------------|-------------------------------------|-------------------------------------|
| Equipment at site: | Truck | Other |
| | ☒ | ☒ |

| | |
|-----------------------------|-------|
| Truck & Landfill Comparison | Site: |
| | |

| | |
|-----------|------------------------|
| Personnel | Signature of Inspector |
| | |

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES



TED SCHWINDEN, GOVERNOR

COGSWELL BUILDING

STATE OF MONTANA

HELENA, MONTANA 59620

October 14, 1983

Mr. Terry Schultz
Unified Disposal Board
Hill County Health
and Planning Office
Havre, MT 59501

Dear Terry,

Pursuant to our phone conversation, I would recommend that the following parameters be selected for monitoring at the landfill:

- 1) Metal Scan
- 2) Total Organic Carbon(TOC)
- 3) Specific conductance
- 4) Total Dissolved Solids (TDS)
- 5) pH
- 6) Chlorides

We believe that these represent good "indicator" parameters for landfill monitoring and are fairly economical tests to perform. In the future, should abnormalities appear, the list can be expanded to be more specific.

As we discussed, a background sample should be collected from the maintenance building well as soon as possible after electrical service is available. The "coulee well" should be checked periodically for any groundwater and a sample obtained if and when water appears.

I'm glad to hear that the program is running smoothly. If I can be of any assistance, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Leiter".

JAMES E. LEITER
Solid Waste Management Bureau
Telephone: (406) 449-2821

JEL:vc

cc: Don Sokolowski, Blaine County Sanitarian

November 4, 2015

Clay Vincent
Unified Disposal District
315 4th Street
Havre, MT 59501

RE: CLOSURE INSPECTION REPORT—RESPONSE DUE
Old Unified Disposal District Class-II Landfill (Lic. No. 389)

Dear Mr. Vincent,

On September 9, 2015, I performed an inspection of the closed Havre Class-II Landfill for compliance with the Montana laws and rules for solid waste management activities. No violations were noted at the time of this inspection.

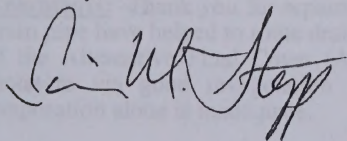
The On-site Observation Form, Inspection Report, and photo log are enclosed. As noted therein, please correct the following items to improve the Class-II landfill closure/post-closure care:

1. Place six inches of topsoil in barren areas on the Alternative Final Cover (AFC); and
2. Reseed and mulch all topsoil repairs.

As discussed, we suggest that the County considers the shaping of short terraces spaced subparallel to contours during placement of topsoil. These improvements of the side slopes would enhance revegetation of the final cover by interrupting drainage to retain moisture. Please submit the plans and specifications of the final cover repair project for review and approval by the Solid Waste Program.

Thanks for your cooperation. If you have any questions, please feel free to contact me at the Permitting and Compliance Division for assistance by telephone at (406)444-4725 or email tstepp@mt.gov.

Sincerely,



Tim Stepp – Environmental Engineer
Solid Waste Program
Waste & Underground Tank Management Bureau

Encl: On-Site Observation Form, Inspection Report, Inspection Photo Log
Cc: Barry Damschen, Damschen Consulting, 5531 York Road, Helena, MT 59602

File: #389/Hill County/Unified Class II Landfill /Inspections

WILLIAM

SOLID WASTE MANAGEMENT SITE/SYSTEM INSPECTION REPORT

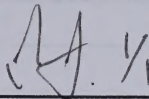
(Revision 5/04/01)

Site Name: Old Unified Disposal District Class II Landfill

License #: 389 closed

Date of Inspection: September 9, 2015

Persons Present: Tim Stepp and Clay Vincent



Applicable Acronyms

ARM = Administrative Rules of Montana

Department = Montana Department Environmental Quality

MSWLF = Municipal Solid Waste Landfill

NESHAP = National Emission Standards for Hazardous Air
Pollutants

CFR = Code of Federal Regulations

MCA = Montana Code Annotated

MSWMA = Montana Solid Waste
Management Act

GENERAL INSPECTION REQUIREMENTS

§ 75-10-227, MCA (MSWMA) (1) When the department believes that a violation of part 1 or this part, a violation of a rule adopted under part 1 or this part, or a violation of a permit provision has occurred, it may serve written notice of the violation on the alleged violator or his agent. The notice must specify the provision of law, rule, or permit alleged to be violated and the facts alleged to constitute a violation and may include an order to take necessary corrective action within a reasonable period of time stated in the order... (for the complete law, please refer to the Montana Solid Waste Management Act, Title 75, chapter 10, part 2, MCA).

ARM § 17.50.525 (1) The department has authority under § 75-10-205, MCA, to conduct inspections of solid waste management systems at reasonable hours upon presentation of appropriate credentials.

GENERAL OPERATIONAL AND MAINTENANCE REQUIREMENTS

Major Violation: None.

Minor Violation: None.

Improvements Needed: Although three years have passed since closure, widespread poor revegetation of the final cover results from the lack of topsoil in those barren areas as shown in the attached Photos 1 and 2. Revegetation is good however where moisture is retained by the berm along the edge of the crown and where topsoil was placed (Photos 1 and 3). Please repair the topsoil in all barren areas before mulch reseeding and also consider the spaced installation of swales along slope contours during repairs, as discussed and noted in the attached observations.

Comments: Thank you for repairing the initial closure erosion problems; the berms and down-drain pipe have helped to route drainage and improve runoff controls. The hydraulic equivalence of the Alternative Final Cover (AFC) system strongly depends on the release of stored soil moisture via good revegetation to provide an effective barrier to percolation. Surface evaporation alone is inadequate.

Compliance Assistance: Please submit the AFC repair plans for review and approval by the Solid Waste Program.

Date: 9/9/15

Time: 1430

SOLID WASTE MANAGEMENT SYSTEM CLOSURE OBSERVATION FORM

Facility Name: Old Unified Disposal District Landfill

License Number: 389

Owner/Operator: Unified Disposal District

Phone: 406-265-5481

Address: 315 4th Street, Hill County Courthouse City: Havre MT

Zip: 59501

General Site Location: 39240 US HWY 2, Havre, MT 59501

Landfill Representative(s): Clay Vincent

DEQ Inspector: Tim Stepp

AREAS OF REGULATORY COMPLIANCE

Compliance Issue:

Yes/No

- (1) **Minimum Thickness Over All Wastes** (Water-balance alternative final cover (AFC)) X /
- (2) **Storage Layer Meets Retention Standards** (Monolithic store and release barrier) X /
- (3) **Minimum 6-Inch Erosion/Topsoil Layer on All Wastes** (needs more topsoil) / X
- (4) **Run-On/Run-Off Controlled** (erosion repairs made) X /
- (5) **Site Revegetated Within 1 Year of Placement of Final Cover** (needs reseeding) / X
- (6) **Access to Site Controlled** X /
- (7) **Written Closure Plan on File and Approved** X /
- (8) **Notice of Intent to Close on File** X /
- (9) **Closure Activities 30 Days After Final Acceptance of Waste** (protracted effort) / X
- (10) **Closure Activities Complete 180 Days After Beginning of Closure** X /
- (11) **Certification by Registered Engineer On File** X /
- (12) **Based on Inspection, DEQ Considers Site Closed** X /
- (13) **Record of Notation on Deed in Operating Record** X /
- (14) **Other: AFC Field Monitoring System Installed** / X

NOTES: The previous erosion problems are nicely repaired and moisture is retained by the berm along the edge of the crown where revegetation is good (Photo 3). Widespread poor revegetation of the final cover is a persistent problem where no topsoil is present on side slopes and on the north half of crown (Photos 1 and 2).

As we discussed, reseeding by hydro mulch and the spaced installation of swales along slope contours are recommended.

Time Left Site: 1500

SOLID WASTE PROGRAM**INSPECTION PHOTO LOG**

MT DEQ P&C DIVISION WUTMB-SWS
PHOTO #389-001

SUBJECT: Class-II Landfill Facility
Old Havre Closure
LOCATION: 39240 US HWY 2, Havre 59501
NE1/4 sec 1, T32N, R16E and NW1/4 sec 6, T32N, R17E

COUNTY: Hill
DATE: 09/09/2015
WEATHER: Sunny

PHOTOGRAPHER: T. Stepp *T. Stepp*
CAMERA: FUJIFILM Finepix Z5fd Digital 6.3 Mp

EXPLANATION: Looking west along the crest line of the landfill top deck shows good plant growth to the south (left) where topsoil was correctly placed as required in the Closure Plan. Poor plant coverage to the north (right) is caused by the absence of topsoil in that area, like the side slopes shown in Photo 2.



MT DEQ P&C DIVISION WUTMB-SWS
PHOTO #389-002

SUBJECT: Class-II Landfill Facility
Old Havre Closure
LOCATION: 39240 US HWY 2, Havre 59501
NE1/4 sec 1, T32N, R16E and NW1/4 sec 6, T32N, R17E

COUNTY: Hill
DATE: 09/09/2015
WEATHER: Sunny

PHOTOGRAPHER: T. Stepp *T. Stepp*
CAMERA: FUJIFILM Finepix Z5fd Digital 6.3 Mp

EXPLANATION: Looking S from the NW corner of the crown with top deck at left. The west-facing slope shows poor revegetation probably due to its sunny aspect combined with western winds. Note that Photo 3 shows better soil moisture retention adjacent to the berm at the top of the slope. Swales spaced along contour at various levels on the slopes would produce similar results. Plant cover could then take hold to spread laterally.



MT DEQ P&C DIVISION WUTMB-SWS
PHOTO #389-003

SUBJECT: Class-II Landfill Facility
Old Havre Closure
LOCATION: 39240 US HWY 2, Havre 59501
NE1/4 sec 1, T32N, R16E and NW1/4 sec 6, T32N, R17E

COUNTY: Hill
DATE: 09/09/2015
WEATHER: Sunny

PHOTOGRAPHER: T. Stepp *T. Stepp*
CAMERA: FUJIFILM Finepix Z5fd Digital 6.3 Mp

EXPLANATION: Looking W from the SE corner of the crown with top deck at right. Drainage berm at center (white) diverts runoff away from side slope to prevent erosion. The buildup of captured water yields significantly greater plant growth on each side of the berm due to increased soil moisture.



Correspondence Slip #389

Date Requested: _____

Originator: _____

L Needed By: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

AS / 10/13/15

Mzay LH

Chh / 10-29

Rick T

RT 11-3-15

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at: _____

Proof Path: G:\WUT_____

Mail copy of enclosures
to CC's? ☒ Y ☐ N

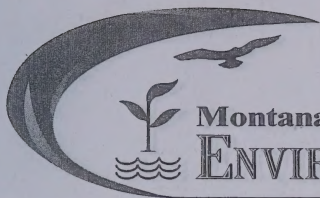
Special Instructions:

Please copy & file per footer.

Copies of enclosures
for file needed? ☒ Y ☐ NCopy of letter for file
needed? ☒ Y ☐ N

Email copies sent? Y N

EMAIL copy sent to Project Originator? Y N



Montana Department of
ENVIRONMENTAL QUALITY

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

MAILED
3-12-12 *gh*

Brian Schweitzer, Governor
Richard H. Opper, Director

March 9, 2012

Mr. Clay Vincent
Unified Disposal District
315 4th Street
Havre, MT 59501

RE: UNIFIED DISPOSAL DISTRICT CLASS II LANDFILL – LICENSE #389 – RULE VIOLATION

Dear Mr. Vincent:

Thank you for the photos you submitted by e-mail of the litter clean-up at the old Hill County Landfill. The submitted photos have been placed in Hill County's file in the Solid Waste Program.

If you have any questions or comments, contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau: Phone (406) 444-9879 or E-mail kohern@mt.gov.

Sincerely,

Kathleen O'Hern

Kathleen O'Hern
Environmental Science Specialist
Solid Waste Program

File: Hill County/Class II Landfill /License #389/Inspections

Correspondence Slip

Originator:

L. O'Hern

Date Requested:

12/21/11

Date Needed By:

12/23/11

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Janet

Proof

JH 12-21-11

Mary Louise

ML 12-22

Bruce

BR 12-23-11

Rick

RI 12-28-11

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT\

Sub Insp / CMI / Hill / Anne Insp 2011

Mail copy of enclosures to CC's? ☒ Y ☐ N

Special Instructions:

violation reminder - 12-11

Copies of enclosures for file needed? ☒ Y ☐ N

Copy of letter for file needed? ☒ Y ☐ N

Email copies sent? ☒ Y ☐ N

EMAIL copy sent to Project Originator? ☒ Y ☐ N



BARRY DAMSCHEN CONSULTING, LLC

Engineering • Solid Waste Management • Grant Administration

ANNUAL ENGINEERING INSPECTION
FOR
UNIFIED DISPOSAL DISTRICT LANDFILL
(Year 2006)

DATE OF INSPECTION: November 16, 2006

DATE OF SUBMITTAL: January 22, 2007

SUBMITTED TO DEQ AND DISTRICT

Hours of Operation

The Landfill is open Monday through Friday from 7.00 a.m. to 5.00 p.m. and 8:00 a.m. to 5:00 p.m. on Saturday and Sunday.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Choteau County and the Rocky Boys and Fort Belnap Indian Reservations. The District has roll-off container sites strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (no scales). According to the District's manager, approximately 23,000 tons of waste are disposed of at the landfill. Since the site does not have scales, this is an estimate.

RECEIVED

JAN 29 2007

DEPT. OF ENVIRO. QUALITY
WASTE & UNDERGROUND TANK
MANAGEMENT BUREAU



UNITED STATES DEPARTMENT OF AGRICULTURE

ANNUAL REPORT OF THE

FOREST SERVICE

FOR THE YEAR 1907

WASHINGTON, D. C.

GOVERNMENT PRINTING OFFICE

FOREWORD

The following report contains a summary of the work of the Forest Service during the year 1907. It is intended to give a general idea of the progress made in the various branches of the service, and to show the results of the work done during the year.

A summary of the work of the Forest Service during the year 1907 is given in the following report. It is intended to give a general idea of the progress made in the various branches of the service, and to show the results of the work done during the year.

CONTENTS

The following report contains a summary of the work of the Forest Service during the year 1907. It is intended to give a general idea of the progress made in the various branches of the service, and to show the results of the work done during the year.

REPORT

The following report contains a summary of the work of the Forest Service during the year 1907. It is intended to give a general idea of the progress made in the various branches of the service, and to show the results of the work done during the year.

Equipment

The full time equipment assigned to the landfill include:

- 627 scraper for excavating and transporting soil.
- 963 track loader for consolidating the waste and applying daily cover.
- 816 compactor for compacting the wastes (new unit was purchased three years ago).
- 1 Cat grader and one water truck for maintaining the roads.
- older D6 cat.
- John Deere tractor.
- Bobcat skid steer for clean-up.
- Tractor and mower.

Personnel

The District landfill has one supervisor, and typically two full time equipment operators and one laborer. The laborer was recently let go and will be replaced in the future. The manager has the overall responsibility of the site and its operation and works directly with the District's Board and DEQ as necessary on operation and regulatory issues. The District also has three truck drivers who service the roll-off sites. The operators and drivers are trained to fill in for each other when they are on vacation or sick leave. The chairman of the Board, Clay Vincent, also is intimately involved in the landfill's operation. Mr. Vincent works closely with the DEQ and Consultant on operation and regulatory issues.

General Operation

There are four separate areas where wastes may be disposed of at the site. These are summarized below:

- a) **Class II Area** - The Group II wastes are disposed of in the Class II disposal area located on the eastern portion of the site. Since this area was foot printed with wastes prior to 1993, no liner or LCS is required. The wastes are being compacted to a high degree with the compactor and the operators are doing a good job of applying daily soil cover and minimizing the size of the active working face. The cover soil is being obtained from the excavation of the area immediately north of the existing Class II cell.

Over the past three years I have discussed the future disposal needs with the District Board and Chairman. This is in light of the fact that the existing area has $\pm$ 4 years of life remaining. After considerable study and meetings with the Board, it was decided by the Board that a new landfill site should be located. The Board and Consultant evaluated several sites two years ago. In August, 2005 a preferred site was selected and an option to purchase was signed by the landowner. Soil testing was conducted in the Fall, 2005 and again in Fall, 2006. The soils at the site appear to be conducive for a no-migration demonstration. Public meetings and final design are proposed for 2006-2007.

- b) Class III Area - The Class III trench is located in the northwest area of the site. This trench receives wood wastes, concrete and tires. Approximately quarterly, the wastes deposited in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover. A new Class III trench has been excavated and is ready for filling. It is estimated that the existing Class III trench will be filled in 2007.
- c) Appliances - Two separate areas are used to stockpile appliances that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a recycler is contracted to crush and haul away these items. These stockpiles were last crushed in June, 2006.
- d) Contaminated Soil - Many years ago, the District constructed an area designated to accept and treat contaminated soils. The operators periodically mix these contaminated soils to provide treatment. Once the soils have been treated, they are hauled to the Class II area and used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced. Last year very little contaminated soils were brought to the site.

Storm Water Management

The District is doing an excellent job of managing the storm water at the site. Ditches were constructed several years ago to prevent any run-on from entering the active fill areas. Also two storm water run-off ponds, located at the eastern and western ends of the Class II area, collect any storm water that is generated on the site. At the time of this inspection, the ponds were dry. The ponds are designed to handle the 25 year storm event.

Litter Control

Litter is controlled at the site quite effectively using a high litter fence around the Class II area along with several fences strategically located on the site. The District has a portable vacuum to assist in cleaning the fences. Litter is minimized by keeping the "active face" to a minimum size and applying daily cover. Also the filling of the existing active area is conducted in a manor whereby the previously deposited wastes shield the active area from the prevailing wind directions (southwest, west and northwest). This strategy is becoming less effective, however, as the working face becomes higher. Additional litter fences have been installed adjacent to the active fill area. The fencing is quite effective in controlling the litter. Special organizations are hired to pick litter.

Summary

Having been the District's engineering consultant for the past $\pm$ 21 years, it is my opinion that the operation of the landfill is very good. All aspects of the site including compaction, daily cover, storm water management, litter control, road maintenance and management of the special wastes has improved significantly over the past few years. In the upcoming year the Board and myself will continue towards licensing the new landfill site.

County Hall
Facility & # 389

Closure

Landfarm

Liner

Methane

O & M

Run - On

Finan Assur

GW Corr Meas

GW Monitoring

GW Reports

Inspections

Other:



BARRY DAMSCHEN CONSULTING, LLC

Engineering • Solid Waste Management • Grant Administration

ANNUAL ENGINEERING INSPECTION
FOR
UNIFIED DISPOSAL DISTRICT LANDFILL
(Year 2005)

DATE OF INSPECTION: September 2, 2005

DATE OF SUBMITTAL: February 15, 2006

SUBMITTED TO DEQ AND DISTRICT

RECEIVED

FEB 23 2006

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

Hours of Operation

The Landfill is open Monday through Friday from 7.00 a.m. to 5.00 p.m. and 8:00 a.m. to 5:00 p.m. on Saturday and Sunday.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Choteau County and the Rocky Boys and Fort Belnap Indian Reservations. The District has roll-off container sites strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (no scales). According to the District's manager, approximately 23,000 tons of waste are disposed of at the landfill. Since the site does not have scales, this is an estimate.

Equipment

The full time equipment assigned to the landfill include:

- 627 scraper for excavating and transporting soil.
- 963 track loader for consolidating the waste and applying daily cover.
- 816 compactor for compacting the wastes (new unit was purchased last year).
- 1 Cat graders and one water truck for maintaining the roads.
- older D6 cat.
- John Deere tractor and plow.
- Bobcat skid steer for clean-up.
- Tractor and mower.

Personnel

The District landfill has one supervisor, two full time equipment operators and one laborer. The manager has the overall responsibility of the site and its operation and works directly with the District's Board and DEQ as necessary on operation and regulatory issues. The District also has three truck drivers who service the roll-off sites. The operators and drivers are trained to fill in for each other when they are on vacation or sick leave. The chairman of the Board, Clay Vincent, also is intimately involved in the landfill's operation. Mr. Vincent works closely with the DEQ and Consultant on operation and regulatory issues.

General Operation

There are four separate areas where wastes may be disposed of at the site. These are summarized below:

- a) **Class II Area** - The Group II wastes are disposed of in the Class II disposal area located on the eastern portion of the site. Since this area was foot printed with wastes prior to 1993, no liner or LCS is required. The wastes are being compacted to a high degree with the compactor and the operators are doing a good job of applying daily soil cover and minimizing the size of the active working face. The cover soil is being obtained from the excavation of the area immediately north of the existing Class II cell.

Over the past two years I have discussed the future disposal needs with the District Board and Chairman. This is in light of the fact that the existing area has ± 5 years of life remaining. After considerable study and meetings with the Board, it was decided by the Board that a new landfill site should be located. The Board and Consultant evaluated several sites last year. In August, 2005 a preferred site was selected and an option to purchase was signed by the landowner. Soil testing will be conducted in the Fall, 2005.

- b) Class III Area - The Class III trench is located in the northwest area of the site. This trench receives wood wastes, concrete and tires. Approximately quarterly, the wastes deposited in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover. A new Class III trench has been excavated and is ready for filling. It is estimated that the existing Class III trench will last approximately 1 more year.
- c) Appliances - Two separate areas are used to stockpile appliances that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a recycler is contracted to crush and haul away these items. These stockpiles were last crushed in March, 2005.
- d) Contaminated Soil - Many years ago, the District constructed an area designated to accept and treat contaminated soils. The operators periodically mix these contaminated soils to provide treatment. Once the soils have been treated, they are hauled to the Class II area and used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced. Last year approximately 10 cubic yards of contaminated soils were brought to the site.

Storm Water Management

The District is doing an excellent job of managing the storm water at the site. Ditches were constructed several years ago to prevent any run-on from entering the active fill areas. Also two storm water run-off ponds, located at the eastern and western ends of the Class II area, collect any storm water that is generated on the site. At the time of this inspection, the ponds were almost dry. The ponds are designed to handle the 25 year storm event.

Litter Control

Litter is controlled at the site quite effectively using a high litter fence around the Class II area along with several fences strategically located on the site. The District has a portable vacuum to assist in cleaning the fences. Litter is minimized by keeping the "active face" to a minimum size and applying daily cover. Also the filling of the existing active area is conducted in a manner whereby the previously deposited wastes shield the active area from the prevailing wind directions (southwest, west and northwest). This strategy is becoming less effective, however, as the working face becomes higher. Additional litter screens have also been installed adjacent to the active fill area. The fencing is quite effective in controlling the litter. Special organizations were hired this last year to pick litter.

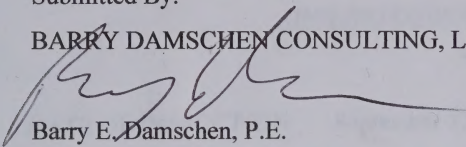
Summary

Having been the District's engineering consultant for the past $\pm$ 20 years, it is my opinion that the operation of the landfill is very good. All aspects of the site including compaction, daily cover, storm water management, litter control, road maintenance and management of the special wastes has improved significantly over the past few years. In the upcoming year the Board and myself will continue towards locating and licensing a new landfill site.

I commend the dedication and hard work that the District and operators provide towards the successful operation of the site. I appreciate the opportunity to work with the District and look forward to providing the monitoring and assistance this coming year.

Submitted By:

BARRY DAMSCHEN CONSULTING, LLC


Barry E. Damschen, P.E.

MT License No. 3837E

BARRY DAMSCHEN CONSULTING

5531 York Road • Helena, MT 59602

Phone (406) 443-2938

Fax (406) 449-6140

ANNUAL ENGINEERING INSPECTION
FOR
UNIFIED DISPOSAL DISTRICT LANDFILL
(Year 2002)

RECEIVED

JAN 09 2003

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

DATE OF INSPECTION: September 12, 2002

SUBMITTED TO DEQ AND DISTRICT

Hours of Operation

The Landfill is open Monday through Sunday from 8.00 a.m. to 5.00 p.m.

A transfer site is located near the entrance for cars and pickups. The transfer site has six 40 cubic yard containers; three are designated for general waste, one for tires, one for wood wastes and one for metal. The District's roll-off truck drivers periodically haul the wastes up to the designated landfill location.

Service Area

The service area for the landfill includes Hill County, Blaine County and the northern portion of Choteau County and the Rocky Boys and Fort Belnap Indian Reservations. The District has roll-off container sites strategically located throughout the service area.

Waste Quantity

The loads that are hauled into the landfill are recorded by the drivers (no scales). According to the District's manager, approximately 20,000 tons of waste were disposed of in 2001 at the landfill.

Equipment

The full time equipment assigned to the landfill include:

- 627 scraper for excavating and transporting soil.
- 963 track loader for consolidating the waste and applying daily cover.

- 816 compactor for compacting the wastes.
- 2 Cat graders and one water truck for maintaining the roads.
- older D6 cat.
- John Deere tractor and plow.

Personnel

The District landfill has one manager, two full time equipment operators and one laborer. The manager has overall responsibility of the site and its operation and works directly with the District, Consultant and DEQ as necessary on operation and regulatory issues. The District also has three truck drivers who service the roll-off sites. The operators and drivers are trained to fill in for each other when they are on vacation or sick leave.

General Operation

There are four separate areas where wastes may be disposed of at the site. These are summarized below:

- a) **Class II Area** - The Group II wastes are disposed of in the Class II disposal area located on the eastern portion of the site. Since this area was foot printed with wastes prior to 1993, no liner or LCS is required. The wastes are being compacted to a high degree with the compactor and the operators are doing a good job of applying daily soil cover and minimizing the size of the active working face.

Over the past several months I have discussed the future disposal needs with the District Board and Chairman. It is the general consensus of all parties that plans should begin within the next 2 years to proceed through the design and permitting of the next Class II disposal cell. This is in light of the fact that the existing area has $\pm$ 8 years of life remaining.

A review of the site with the District officials has led us to agree that the next cell should be located immediately north of the existing Class II cell. This $\pm$ 4 acre cell will most likely require a Subtitle D liner/LCS system. With this in mind the operators are excavating soil from this area for use as daily soil cover. The plan is to continue to excavate this area for the

- 815-222-2222 for operation the waste
- 1 Cal grade and one waste track for maintaining the waste
- John Deere
- John Deere tractor and plow

Expenditure

The District landfill has one manager, two full time equipment operators and one janitor. The manager has overall responsibility of the site and its operation and works closely with the District Engineer and DEQ as necessary on operation and regulatory issues. The District also has two truck drivers who service the roll-off sites. The operators and drivers are trained to fill in for each other when they are on vacation or sick leave.

General Operation

There are four separate areas where wastes may be disposed of at the site. These are described below:

- 1) Class II Area - The Group II wastes are disposed of in the Class II disposal area located on the eastern portion of the site. Since this area was first created with waste placed in 1972, no leach or LCS is required. The wastes are being compacted in a high density with the compactor and the operators are doing a good job of applying daily soil cover and maintaining the size of the active working face.

Over the past several months I have discussed the future disposal needs with the District Board and Chairman. It is the general consensus of all parties that there should be a plan for the next 2 years to provide through the design and permitting of the new Class II disposal unit. This is in light of the fact that the existing area has 5 years of life remaining.

A review of the site with the District officials has led us to agree that the next unit should be located immediately north of the existing Class II cell. This 4 acre cell will most likely require a separate D plan/LCS system. With this in mind the operators are working on plans for the new unit as well as daily soil cover. The plan is to continue to cover the site for the

next few years.

With this plan in mind, it is recommended that during the summer of 2003, an updated topographic map of the existing Class II disposal area and proposed Class II cell be prepared. This will allow us to re-estimate the remaining life of the existing cell along with providing us with a base map that can be used for designing and permitting the proposed new cell. It is correspondingly planned to begin the design/permitting in 2004.

- b) Class III Area - The Class III trench is located in the northwest area of the site. This trench receives wood wastes, concrete and tires. Approximately quarterly, the wastes deposited in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover.
- c) Appliances - Two separate areas are used to stockpile appliances that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a recycler is contracted to crush and haul away these items.
- d) Contaminated Soil - Many years ago, the District constructed an area designated to accept and treat contaminated soils. The operators periodically mix these contaminated soils to provide treatment. Once the soils have been treated, they are hauled to the Class II area and used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced.

Storm Water Management

The District is doing an excellent job of managing the storm water at the site. Ditches were constructed several years ago to prevent any run-on from entering the active fill areas. Also two storm water run-off ponds, located at the eastern and western ends of the Class II area, collect any

With this plan in mind, it is recommended that during the summer of 1967, an updated topographic map of the existing Class II disposal area and proposed Class II site be prepared. This will allow us to re-examine the remaining life of the existing cell areas with providing us with a base map that can be used for designing and permitting the proposed new cell. It is correspondingly planned to begin the design/permitting in 1968.

Class III Area - The Class III area is located in the northwest area of the site. This area consists of wood wastes, concrete and other approximately quantity, the wastes are piled in this area are consolidated using the track loader. As the fill progresses toward the north, the wastes are covered with approximately one foot of intermediate cover. It appears that the operators are doing a very good job of limiting the types of wastes being deposited in this area along with providing the necessary consolidation and soil cover.

Amphibole - Two separate areas are used to stockpile amphibole that are brought to the site. One area is used to deposit large loads brought to the site whereas the second area is used by the operators when they pick out a white good from the working face. Approximately once per year a truck is contracted to crush and haul away this material.

Contaminated Soil - Many years ago the District contracted for soil to be removed and treat contaminated soils. The operators particularly mix these contaminated soils to provide treatment. Once the soils have been treated they are piled in the Class II area and used for daily cover. In recent years the volume of contaminated soils brought to the site has significantly been reduced.

Storm Water Management

The District is doing an excellent job of managing the storm water at the site. The storm water is managed several years ago to prevent any runoff from entering the active fill areas. Also two storm water run-off ponds located at the eastern and western ends of the Class II area collect any

storm water that is generated on the site. At the time of this inspection, the ponds were approximately 1/3 full. The ponds are designed to handle the 25 year storm event.

Litter Control

Litter is controlled at the site quite effectively using a high litter fence around the Class II area along with several fences strategically located on the site. The District obtained a portable vacuum to assist in cleaning the fences. Litter is minimized by keeping the "active face" to a minimum size and applying daily cover. Also the filling of the existing active area is conducted in a manner whereby the previously deposited wastes shield the active area from the prevailing wind directions (southwest, west and northwest). This strategy is becoming less effective, however, as the working face becomes higher. The Engineer has noticed the litter at the site over the past 18 months appears to be better managed and more emphasis is being placed on litter control.

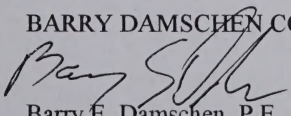
Summary

Having been the District's engineering consultant for the past $\pm$ 20 years, it is my opinion that the operation of the landfill is better than it has ever been. All aspects of the site including compaction, daily cover, storm water management, litter control, road maintenance and management of the special wastes has improved significantly over the past two years. In the upcoming year, it is recommended that a new topographic map of the site be prepared to update the capacity estimates of the site and to provide a base map for the design of the new area.

I commend the dedication and hard work that the District and operators provide towards the successful operation of the site. I appreciate the opportunity to work with the District and look forward to providing the monitoring and assistance this coming year.

Submitted By:

BARRY DAMSCHEN CONSULTING, LLC



Barry E. Damschen, P.E.

MT License No. 3837E



Montana Department of
ENVIRONMENTAL QUALITY

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

March 8, 2004

Mr. Clay Vincent
Unified Disposal District
Hill County Courthouse
Havre, MT 59501

Subject: ANNUAL UPDATE

Dear Mr. Vincent:

The Solid Waste Program received your Annual Engineering Inspection update on March 3, 2004. It was assigned to Tim Stepp for review. I anticipate that you will receive a response from him after evaluation of the pending Financial Assurance (FA) submittal.

If you have any questions on the application status, please contact Tim directly at 406-444-4725, or by email at tstepp@state.mt.us. If you have any other issues or questions, please contact me at 406-444-5345, or at rithompson@state.mt.us.

Sincerely,

Rick Thompson, Supervisor
Waste Management Section
Waste & Underground Tank Bureau

